



BONNEY

GUARANTEE

The trade mark "BONNEY" is your unqualified guarantee against any defects in quality or workmanship. Each tool is designed and engineered with plus strength factors to perform the maximum service on the job for which it is intended. Any tool failing in normal use should be returned to your Bonney distributor. If his inspection reveals defective quality or workmanship, such tool will be repaired or replaced without charge.

Liabilities of any kind are limited to the replacement or repair of defective parts.

Tool items bearing this symbol (*) are guaranteed against any defect in material or workmanship, but owing to the nature of their application, cannot be replaced because of breakage.

Adjustment will not be made if the tool shows signs of:

ABUSE improper use; as hand sockets used with an impact gun; use of 'cheaters' producing excessive leverage, hammering upon non-striking face tools.

ALTERATION as grinding, filing, heating, welding or other modification.

NORMAL "WEAR OUT" long use will wear out any tool.

Bonney Distribution Policy and Sales Representation

As in the past, Bonney will continue to recognize and support the traditional system of distribution through Warehouse Distributors and Jobbers. We are proud to number the leaders in these fields among our customers.

Bonney's Field Representatives and stocking Warehouses are to be found in every trading area. These Warehouses provide tool stocks at convenient, centrally located points. Our Field Representatives offer their cooperation in meeting every tool need.

A Word To The Tool User

Reasonable precaution and good judgment dictate the use of ordinary safety equipment; goggles, for example, when-

ever using striking face tools, or any other tool which, by the nature of its application, may become highly stressed.

Company Aim...Expand to Meet Demand

BONNEY **TOOLS**
1876-1967

Utica Tool Company, Inc. presents this Tool Catalog No. 67 illustrating the complete line of standard, special purpose and automotive type tools. Tool groupings have been revised to facilitate the locating of any specific tool.

At the new plant in Orangeburg, South Carolina, advanced design and manufacturing capabilities are blended with modern engineering and production equipment to produce tools of the finest quality.

As you use this catalog you will notice that the Bonney line has been greatly expanded to meet the ever-growing demand. Well stocked Warehouses established at key points from coast to coast provide you with the utmost in convenience, service and cooperation.

We solicit Special tool inquiries covering your requirements for Special or Custom Built tools. Bonney's New Custom Tool Shop specializes in the design and manufacture of Special tools, for a wide range of purposes and applications.

Full information regarding Special tools or tool problems may be secured from Bonney Contract Sales, Cameron Road, Orangeburg, South Carolina 29115. Phone 803-534-7010, TWX: 810-664-2230.

Utica Tool Company, Inc.

Orangeburg, South Carolina



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NICKEL-CHROME PLATED FINISH

Bonney's 1/4 inch square drive sockets, handles and attachments represent the ultimate in design and materials. These straight, thin walled, accurately broached sockets with well-balanced, properly proportioned handles are made from the finest alloy steels, scientifically heat treated to meet the highest standards for appearance and dependable service.



8-POINT REGULAR



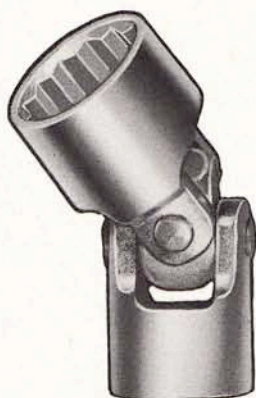
12-POINT REGULAR



6-POINT DEEP



12-POINT DEEP



12-POINT FLEXIBLE

8-POINT—REGULAR LENGTH

Number	Part No.	Opening	O.A. Length	O.D. Socket End	Weight Lbs.
VS8	B31208-08	1/4"	7/8"	29/64"	.028
VS10	B31210-08	5/16"	7/8"	31/16"	.038
VS12	B31212-08	3/8"	7/8"	21/32"	.055

Fed. Spec.: GGG-W-641D Type II Class 3

12-POINT—REGULAR LENGTH

V6	B31206-01	3/16"	7/8"	19/64"	.022
V7	B31207-01	1/32"	7/8"	11/32"	.025
V8	B31208-01	1/4"	7/8"	3/8"	.025
V9	B31209-01	9/32"	7/8"	13/32"	.025
V10	B31210-01	5/16"	7/8"	29/64"	.025
V11	B31211-01	11/32"	7/8"	1/2"	.028
V12	B31212-01	3/8"	7/8"	17/32"	.029
V14	B31214-01	7/16"	7/8"	5/8"	.047
V16	B31216-01	1/2"	7/8"	11/16"	.050

Fed. Spec.: GGG-W-641D Type II Class 2 Style A

6-POINT—DEEP

VLH6	B31206-07	3/16"	2"	19/64"	.031
VLH8	B31208-07	1/4"	2"	3/8"	.031
VLH10	B31210-07	5/16"	2"	7/16"	.062
VLH12	B31212-07	3/8"	2"	17/32"	.062
VLH14	B31214-07	7/16"	2"	5/8"	.093
VLH16	B31216-07	1/2"	2"	11/16"	.124

Fed. Spec.: GGG-W-641D Type II Class 1 Style B

12-POINT—DEEP

VL6	B31206-02	3/16"	2"	19/64"	.034
VL7	B31207-02	1/32"	2"	11/32"	.038
VL8	B31208-02	1/4"	2"	3/8"	.041
VL9	B31209-02	9/32"	2"	27/64"	.044
VL10	B31210-02	5/16"	2"	29/64"	.050
VL11	B31211-02	11/32"	2"	1/2"	.059
VL12	B31212-02	3/8"	2"	17/32"	.066
VL14	B31214-02	7/16"	2"	5/8"	.094
VL16	B31216-02	1/2"	2"	11/16"	.109

Fed. Spec.: GGG-W-641D Type II Class 2 Style B

12-POINT—FLEXIBLE

VU6	B39206	3/16"	17/32"	1/2"	.063
VU8	B39208	1/4"	17/32"	1/2"	.063
VU10	B39210	5/16"	17/32"	1/2"	.063
VU12	B39212	3/8"	17/32"	17/32"	.063
VU14	B39214	7/16"	17/32"	39/64"	.063

Fed. Spec.: GGG-W-641D Type II Class 2 Style B

BONNEY CROWFOOT ATTACHMENTS

CROWFOOT
1/4" DRIVE—
BOX TYPE



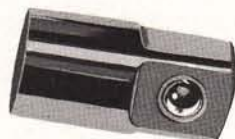
SLOTTED BOX

Bonney crowfoot wrenches are indispensable in obtaining specified torque. This slotted, box type has unlimited abilities on aircraft fittings . . . excellent for tubing fittings and attachments for torque wrenches. Designed specifically for unusual applications, sturdy construction for long life.

CROWFOOT—1/4 INCH DRIVE—BOX TYPE—10 POINT

Number	Part No.	Opening	Dia. Head	Head Thkns.	Slotted Opening	Weight Lbs.
*VF6	B46206	3/16"	3/8"	1/4"	1/8"	.093
*VF7	B46207	1/32"	3/8"	1/4"	5/32"	.062
*VF8	B46208	1/4"	1/2"	1/4"	3/16"	.109
*VF9	B46209	9/32"	1/2"	1/4"	7/32"	.100
*VF10	B46210	5/16"	1/2"	5/16"	1/4"	.096
*VF11	B46211	11/32"	1/2"	5/16"	9/32"	.093
*VF12	B46212	3/8"	3/4"	1/2"	9/32"	.025
*VF14	B46214	7/16"	43/64"	9/16"	3/8"	.028
*VF16	B46216	1/2"	49/64"	9/16"	13/32"	.047
*VF18	B46218	9/16"	53/64"	9/16"	15/32"	.044

Fed. Spec.: GGG-W-641D Type IV Class 1 Style A

**V702K****V602-V606****V720****V780****V730****4217****V36****V785****V760****No. V702K RATCHET****Part No. B41230**

The 1/4 inch drive Bonney 72 Tooth Action Ratchets are made of the finest alloy steel to give long dependable service. Designed with the new one hand shifter for easy reversibility. These ratchets exceed government requirements. Lgth.: 5-1/4", Wt.: .225 Lbs.

No. V702KR RATCHET REPAIR KIT **Part No. B86412****No. V602 EXTENSIONS**

These Bonney Extensions are made of the finest alloy steel with polished heads finished in nickel chrome.

No. V602, Part No. B41202, Lgth.: 2", Wt.: .050 Lbs.

No. V606, Part No. B41206, Lgth.: 6", Wt.: .122 Lbs.

Fed. Spec.: GGG-W-641D Type IV Class 4 Style A

No. V720 HINGE HANDLES**Part No. B41241**

Designed to allow working angles where it is necessary to by-pass obstructions.

Lgth.: 5-1/2", Wt.: 203 Lbs.

Fed. Spec.: GGG-W-641D Type III Class 1

No. V780 SPINNER HANDLE**Part No. B41248**

A convenient tool designed to tighten and loosen bolts and nuts with great speed.

Lgth.: 6", Wt.: .118 Lbs.

Fed. Spec.: GGG-W-641D Type III Class 3 Style B

No. V730 SLIDING "T" HANDLE**Part No. B41244**

Sliding head spring loaded to hold any position.

Lgth.: 4", Wt.: .084 Lbs.

Fed. Spec.: GGG-W-641D Type III Class 4 Style A

No. 4217 ADAPTER**Part No. 41263**

Makes possible the use of 3/8 inch drive sockets.

Female Drive: 1/4", Male Drive: 3/8", Wt.: .034 Lbs.

Fed. Spec.: GGG-W-641D Type IV Class 5 Style A

***No. V36 DISTRIBUTORS SCREW DRIVER AND BEZEL NUT SOCKETS** **Part No. B39230**

Designed for 6 cylinder Chevrolet Distributor, also Ford Dash-board Bezels.

Lgth.: 1-3/8", Wt.: .030 Lbs.

No. V785 DRAG LINK SOCKET*Part No. B39235**

Lgth.: 1", Width of bit: 5/16", Thickness: 3/64", Wt.: .031 Lbs.

No. V760 UNIVERSAL JOINT**Part No. B41290**

Lgth.: 1-1/4", Wt.: .031 Lbs.



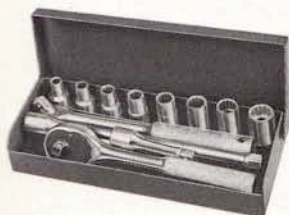
SET NO. V50C

SET NO. V50C (5 Pieces— $\frac{1}{4}$ " Drive Universal Socket Set)

Part No. B83250, Wt.: 250 Lbs.

Number	Description	Number	Description
VU6	$\frac{3}{16}$ " 12-Pt. Universal Socket	VU12	$\frac{3}{8}$ " 12-Pt. Universal Socket
VU8	$\frac{1}{4}$ " 12-Pt. Universal Socket	VU14	$\frac{7}{16}$ " 12-Pt. Universal Socket
VU10	$\frac{5}{16}$ " 12-Pt. Universal Socket		

Packaged in plastic container.



SET NO. V54C

SET NO. V54C (13 Pieces— $\frac{1}{4}$ " Drive Set)

Part No. B83254, Wt.: 1.000 Lbs.

V-6	$\frac{3}{16}$ " 12-Pt. Socket	V-14	$\frac{7}{16}$ " 12-Pt. Socket
V-7	$\frac{7}{32}$ " 12-Pt. Socket	V-702K	Rev. Ratchet
V-8	$\frac{1}{4}$ " 12-Pt. Socket	V-602	2" Extension
V-9	$\frac{9}{32}$ " 12-Pt. Socket	V-606	6" Extension
V-10	$\frac{5}{16}$ " 12-Pt. Socket	V-720	Flex. Handle
V-11	$\frac{11}{32}$ " 12-Pt. Socket	MB-22	Metal Box $6\frac{1}{2}$ " x $2\frac{5}{8}$ " x $1\frac{1}{16}$ "
V-12	$\frac{3}{8}$ " 12-Pt. Socket		

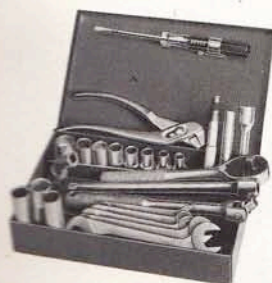


SET NO. V59C

SET NO. V59C (19 Pieces— $\frac{1}{4}$ " Drive Master Set)

Part No. B83259, Wt.: 1.750 Lbs.

V-6	$\frac{3}{16}$ " 12-Pt. Socket	V-702K	Rev. Ratchet
V-7	$\frac{7}{32}$ " 12-Pt. Socket	V-720	Flex. Handle
V-8	$\frac{1}{4}$ " 12-Pt. Socket	VL-8	$\frac{1}{4}$ " 12-Pt. Deep Socket
V-9	$\frac{9}{32}$ " 12-Pt. Socket	VL-10	$\frac{5}{16}$ " 12-Pt. Deep Socket
V-10	$\frac{5}{16}$ " 12-Pt. Socket	VL-12	$\frac{3}{8}$ " 12-Pt. Deep Socket
V-11	$\frac{11}{32}$ " 12-Pt. Socket	VL-14	$\frac{7}{16}$ " 12-Pt. Deep Socket
V-12	$\frac{3}{8}$ " 12-Pt. Socket	V-780	Spinner Handle
V-14	$\frac{7}{16}$ " 12-Pt. Socket	V-760	Universal Joint
V-602	2" Extension	MB-12	Metal Box 6" x 4" x 1"
V-606	6" Extension		



SET NO. V52C

SET NO. V52C (26 Pieces— $\frac{1}{4}$ " Drive Master Ignition Set)

Part No. B83252, Wt.: 1.850 Lbs.

V-6	$\frac{3}{16}$ " 12-Pt. Socket	V-606	6" Extension
V-7	$\frac{7}{32}$ " 12-Pt. Socket	V-720	Flex. Handle
V-8	$\frac{1}{4}$ " 12-Pt. Socket	V-760	Universal Joint
V-9	$\frac{9}{32}$ " 12-Pt. Socket	V-702K	Rev. Ratchet
V-10	$\frac{5}{16}$ " 12-Pt. Socket	B-35	5" Rib Joint Ignition Plier
V-11	$\frac{11}{32}$ " 12-Pt. Socket	E-02	Spark Test Screw Driver
V-12	$\frac{3}{8}$ " 12-Pt. Socket	E-14	15° & 60° Ignition Wrench $\frac{13}{64}$ " x $\frac{15}{64}$ "
V-14	$\frac{7}{16}$ " 12-Pt. Socket	E-18	15° & 60° Ignition Wrench $\frac{7}{32}$ " x $\frac{1}{4}$ "
VL-8	$\frac{1}{4}$ " 12-Pt. Deep Socket	E-22	15° & 60° Ignition Wrench $\frac{9}{32}$ " x $\frac{5}{16}$ "
VL-10	$\frac{5}{16}$ " 12-Pt. Deep Socket	E-26	15° & 60° Ignition Wrench $\frac{11}{32}$ " x $\frac{3}{8}$ "
VL-12	$\frac{3}{8}$ " 12-Pt. Deep Socket	E-30	15° & 60° Ignition Wrench $\frac{7}{16}$ " x $\frac{1}{2}$ "
VL-14	$\frac{7}{16}$ " 12-Pt. Deep Socket	SS-25	Slot Type Screw Starter
V-602	2" Extension	MB-12	Metal Box 6" x 4" x 1"

NICKEL-CHROME PLATED FINISH

Bonney Thin-wall 3/8 Inch Square Drive "T" Series Sockets, Handles, and Attachments provide maximum strength and utility in combination with compact size and lightweight. Made from quality, high alloy steel to exacting specifications.

6-POINT—REGULAR LENGTH

Number	Part No.	Opening	O.A. Length	O.D. Socket End	Weight Lbs.
TH8	B31308-06	1/4"	1"	25/64"	.044
TH10	B31310-06	5/16"	1"	15/32"	.048
TH12	B31312-06	3/8"	1"	35/64"	.048
TH14	B31314-06	7/16"	1"	5/8"	.050
TH16	B31316-06	1/2"	1"	11/16"	.054
TH18	B31318-06	9/16"	1"	25/32"	.069
TH20	B31320-06	5/8"	1"	27/32"	.084
TH22	B31322-06	11/16"	1"	59/64"	.103
TH24	B31324-06	3/4"	1 7/32"	1"	.109
TH26	B31326-06	13/16"	1 7/32"	1 1/16"	.188
TH28	B31328-06	7/8"	1 15/16"	1 3/16"	.188
TH30	B31330-06	15/16"	1 9/16"	1 1/4"	.313
TH32	B31332-06	1	1 5/8"	1 11/32"	.250

Fed. Spec.: GGG-W-641D Type II Class 1 Style A



6-POINT-
REGULAR
LENGTH



8-POINT-REGULAR
LENGTH



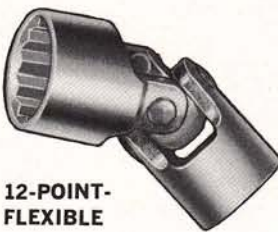
12-POINT-REGULAR
LENGTH



6-POINT DEEP



12-POINT-DEEP



12-POINT-
FLEXIBLE



6-POINT-SPARK PLUG
RETAINER SOCKET

8-POINT—REGULAR LENGTH

Number	Part No.	Opening	O.A. Length	O.D. Socket End	Weight Lbs.
TS12	B31312-08	3/8"	1 1/16"	41/64"	.075
TS14	B31314-08	7/16"	1 1/16"	3/4"	.093
TS16	B31316-08	1/2"	1 1/16"	13/16"	.100
TS18	B31318-08	9/16"	1 7/32"	1"	.188
TS20	B31320-08	5/8"	1 7/32"	1 1/16"	.250

Fed. Spec.: GGG-W-641D Type II Class 3

12-POINT—REGULAR LENGTH

T10	B31310-01	5/16"	1"	15/32"	.063
T12	B31312-01	3/8"	1"	35/64"	.048
T14	B31314-01	7/16"	1"	5/8"	.050
T16	B31316-01	1/2"	1"	11/16"	.054
T18	B31318-01	9/16"	1"	25/32"	.069
T20	B31320-01	5/8"	1"	27/32"	.084
T22	B31322-01	11/16"	1"	59/64"	.103
T24	B31324-01	3/4"	1 7/32"	1"	.109
T26	B31326-01	13/16"	1 7/32"	1 1/16"	.125
T28	B31328-01	7/8"	1 15/16"	1 3/16"	.188
T30	B31330-01	15/16"	1 9/16"	1 1/4"	.313
T32	B31332-01	1"	1 5/8"	1 11/32"	.375

Fed. Spec.: GGG-W-641D Type II Class 2 Style A

6-POINT—DEEP

TLH12	B31212-07	3/8"	1 3/4"	17/32"	.062
TLH14	B31214-07	7/16"	2"	5/8"	.093
TLH16	B31216-07	1/2"	2"	11/16"	.124
TLH18	B31318-07	9/16"	2"	25/32"	.134
TLH20	B31320-07	5/8"	2 1/4"	27/32"	.192
TLH22	B31322-07	11/16"	2 1/2"	59/64"	.222
TLH24	B31324-07	3/4"	2 1/2"	1"	.263
TLH26	B31326-07	13/16"	2 3/4"	1 1/16"	.269
TLH28	B31328-07	7/8"	2 3/4"	1 5/32"	.347

Fed. Spec.: GGG-W-641D Type II Class 1 Style B

12-POINT—DEEP

TL12	B31312-02	3/8"	3/4"	9/16"	.125
TL14	B31314-02	7/16"	2"	5/8"	.078
TL16	B31316-02	1/2"	2"	11/16"	.097
TL18	B31318-02	9/16"	2"	25/32"	.134
TL20	B31320-02	5/8"	2 1/4"	27/32"	.192
TL22	B31322-02	11/16"	2 1/2"	59/64"	.222
TL24	B31324-02	3/4"	2 1/2"	1"	.263
TL26	B31326-02	13/16"	2 1/2"	1 1/16"	.313
TL28	B31328-02	7/8"	2 1/2"	1 5/32"	.375

Fed. Spec.: GGG-W-641D Type II Class 2 Style B

12-POINT—FLEXIBLE

TU12	B31312-09	3/8"	1 23/32"	17/32"	.094
TU14	B31314-09	7/16"	1 23/32"	39/64"	.094
TU16	B31316-09	1/2"	1 23/32"	11/16"	.100
TU18	B31318-09	9/16"	1 3/4"	25/32"	.100
TU20	B31320-09	5/8"	1 3/4"	27/32"	.103
TU22	B31322-09	11/16"	1 7/8"	59/64"	.105
TU24	B31324-09	3/4"	1 15/16"	1"	.105

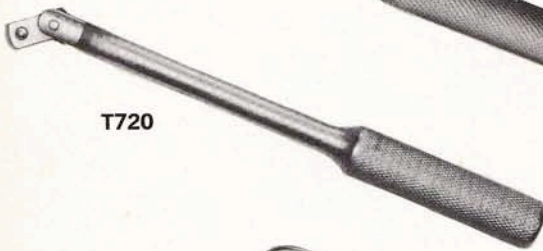
Fed. Spec.: GGG-W-641D Type II Class 1 Style A

6-POINT—SPARK PLUG RETAINER SOCKET 3/4" MALE WRENCHING HEX

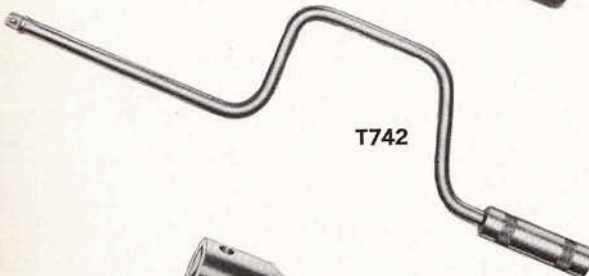
TLH26R	B39326	13/16"	2 1/2"	1 1/16"	1.281
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T702K



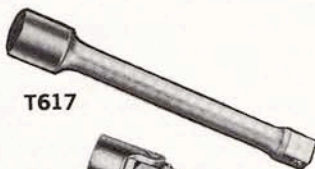
T720



T742



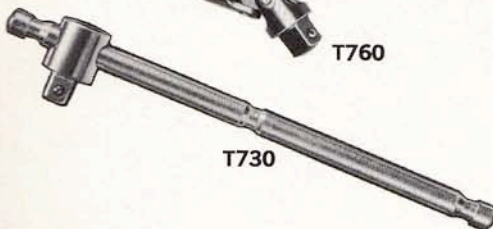
T601



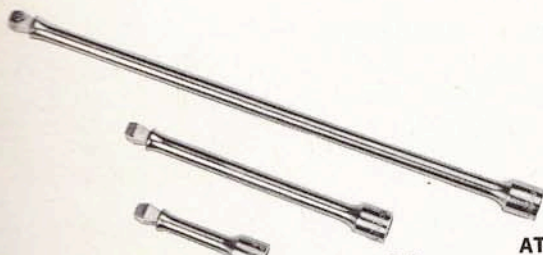
T617



T760



T730



AT4

AT5

AT31

No. T702K REVERSIBLE RATCHET

Of completely new design proved in field and laboratory tests, the T702K by Bonney is today's outstanding quality ratchet . . . The 72 tooth action (5° swing) is achieved with a sturdy 36 tooth broach engaging a double pawl mechanism easily shifted with one hand. These Bonney ratchets exceed government requirements.

Part No. B41330 3/8 inch square drive reversible ratchet. Lgth.: 7", Wt.: .688 Lbs.
Fed. Spec.: GGG-W-641D Type III Class 1

No. T702KR REPLACEMENT DRIVE ASSEMBLY

Part No. B86413

A one piece unit with snap ring, designed for fast, easy replacements.

No. T720 HINGE HANDLE

Part No. B41341, Lgth.: 7-5/8", Wt.: .294 Lbs.
Fed. Spec.: GGG-W-641D Type III Class 1

No. T742 SPEEDER HANDLES

Part No. B41345, Lgth.: 17", Wt.: 1.063 Lbs.
Fed. Spec.: GGG-W-641D Type III Class 1

No. T601 EXTENSIONS

No. T601, Part No. B41302, Lgth.: 1-3/4", Wt.: .100 Lbs.

No. T603, Part No. B41303, Lgth. 3", Wt.: .147 Lbs.

No. T606, Part No. B41306, Lgth.: 6", Wt.: .262 Lbs.

No. T612, Part No. B41312, Lgth.: 12", Wt.: .378 Lbs.

No. T617, Part No. B41317, Lgth.: 17-1/2", Wt.: .750 Lbs.

Fed. Spec.: GGG-W-641D Type IV Class 4 Style A

No. T760 UNIVERSAL JOINT

Part No. B41390, Lgth.: 1-7/8", Wt.: .106 Lbs.
Fed. Spec.: GGG-W-641D Type II Class 4

No. T730 SLIDING "T" HANDLE

Part No. B41344, Lgth.: 8", Wt.: .325 Lbs.
Fed. Spec.: GGG-W-641D Type II Class 4

No. AT4 WOBBLE DRIVE EXTENSIONS

A Bonney exclusive . . . special drive end configuration permits limited angular drive without the "flop" of a universal joint. Guaranteed, but not replaceable for breakage.

***No. AT4, Part No. B41306-09**, Lgth.: 6", Wt.: .212 Lbs.

***No. AT5, Part No. B41312-09**, Lgth.: 12", Wt.: .400 Lbs.

***No. AT31, Part No. B41303-09**, Lgth.: 3", Wt.: .128 Lbs.

No. 4215 ADAPTER

Part No. B41364

Makes possible the use of 1/2 inch square drive sockets.
Female Drive 3/8 inch, Male Drive 1/2 inch.

Wt.: .084 Lbs.

Fed. Spec.: GGG-W-641D Type III Class 2

*No. 4216 ADAPTER

Part No. B41362

Makes possible the use of 1/4 inch square drive sockets.
Female Drive 3/8 inch, Male Drive 1/4 inch.

Wt.: .031 Lbs.

Fed. Spec.: GGG-W-641D Type IV Class 5 Style A

No. T750 2 in 1 STOP LIGHT SWITCH/OIL PRESSURE SENDING UNIT SOCKET

Part No. B39350

Wt.: .375 Lbs.

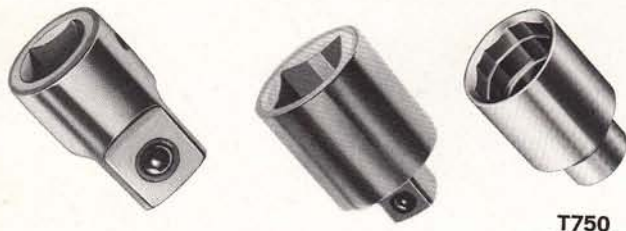
*No. T34 SCREW DRIVER SOCKET

Part No. B41396

Lgth.: 1-3/32 inches, Blade 3/8 inches wide x 1/32 inches thick.

Wt.: .119 Lbs.

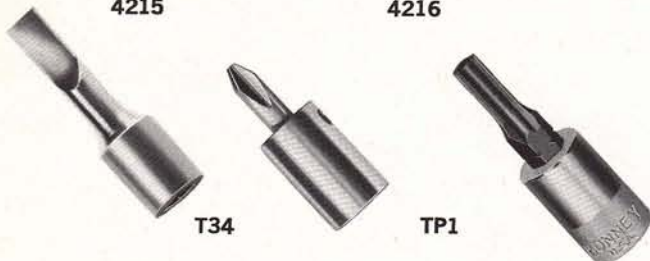
Fed. Spec.: GGG-W-641D Type IV Class 6 Style A Form 4



4215

4216

T750



T34

TP1

TCL3



TW4



T785



TC12



TF20

PHILLIPS SCREW DRIVER SOCKETS

Number	Part No.	Bit Size	O.A. Length	Bit Length	O.D. Socket End	Weight Lbs.
*TP1	B41371	#1	1 1/16"	1 5/16"	1 1/16"	.087
*TP2	B41372	#2	1 15/16"	1 5/16"	1 1/16"	.084
*TP3	B41373	#3	1 15/16"	1 5/16"	1 1/16"	.087
*TP4	B41374	#4	1 15/16"	1 5/16"	1 1/16"	.087
*TPC	B41388	—	—	—	Socket only	.062

Fed. Spec.: GGG-W-641D Type IV Class 6 Style B Form 1

CLUTCH HEAD SCREW DRIVER SOCKETS—TYPE "A" BUTTERFLY DESIGN

*TCL3	B41393	5/32"	2 1/16"	1 1/16"	1 1/16"	.084
*TCL5	B41394	1/4"	2 1/16"	1 1/16"	1 1/16"	.084
*TCL7	B41395	5/16"	2 3/16"	1 3/16"	1 1/16"	.091

Fed. Spec.: GGG-W-641D Type IV Class 6 Style B Form 3
See price sheet for replacement bits.

HEX HEAD SCREW DRIVER SOCKETS—REPLACEABLE BITS—2 PIECE CONSTRUCTION

*TW4	B41379	1/8"	2"	1"	1/2"	.038
*TW5	B41380	5/32"	2"	1"	1/2"	.038
*TW6	B41381	3/16"	2"	1"	1/2"	.082
*TW7	B41382	7/32"	2"	1"	1/2"	.066
*TW8	B41383	1/4"	2"	1 1/32"	1 1/16"	.088
*TW10	B41384	5/16"	2"	1"	1 1/16"	.097
*TW12	B41385	3/8"	2"	1"	1 1/16"	.106

Fed. Spec.: GGG-W-641D Type IV Class 3 Style A
See price sheet for replacement bits.

*No. T785 DRAG LINK SOCKET

Part No. B39339

Lgth.: 1-3/32 inches, Blade 11/16 inches wide x .116 inches thick. Wt.: .063 Lbs.

CROWFOOT ATTACHMENTS—OPEN END

Number	Part No.	Opening	Dia. Head	Thkns. Head	Weight Lbs.
*TC12	B47312	3/8"	1 1/16"	3/8"	.125
*TC14	B47314	7/16"	7/8"	3/8"	.141
*TC16	B47316	1/2"	7/8"	3/8"	.134
*TC18	B47318	9/16"	1 1/8"	3/8"	.144
*TC20	B47320	5/8"	1 1/8"	3/8"	.138
*TC22	B47322	1 1/16"	1 7/16"	1/2"	.215
*TC24	B47324	3/4"	1 7/16"	1/2"	.200
*TC26	B47326	13/16"	1 21/32"	1/2"	.247
*TC28	B47328	7/8"	1 21/32"	1/2"	.241
*MTC14	B47901	14MM	1 1/8"	3/8"	.181

CROWFOOT ATTACHMENTS—BOX 12 POINT TYPE

Number	Part No.	Opening	Dia. Head	Thkns. Head	Slotted Opening	Weight Lbs.
*TF20	B46320	5/8"	59/64"	23/32"	15/32"	.081
*TF22	B46322	1 1/16"	1 1/64"	23/32"	17/32"	.078
*TF24	B46324	3/4"	1 1/64"	3/4"	9/16"	.073
*TF26	B46326	13/16"	1 3/16"	3/4"	3/8"	.108
*TF28	B46328	7/8"	1 9/32"	25/32"	11/16"	.125
*TF30	B46330	15/16"	1 23/32"	25/32"	23/32"	.131
*TF32	B46332	1"	1 7/16"	13/16"	3/4"	.133
*TF34	B46334	1 1/16"	1 33/64"	13/16"	25/32"	.141

Fed. Spec.: GGG-W-641D Type IV Class 1 Style A

Set No. T58C (11 Pieces 3/8" Drive Basic Set)
B83358, Wt.: 2.343 Lbs.

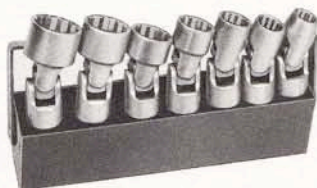
Number	Description	Number	Description
T-12	3/8" 12-Pt. Socket	T-24	3/4" 12-Pt. Socket
T-14	7/16" 12-Pt. Socket	T-603	3" Extension
T-16	1/2" 12-Pt. Socket	T-702K	Rev. Ratchet
T-18	9/16" 12-Pt. Socket	T-720	Hinge Handle
T-20	5/8" 12-Pt. Socket	MB-30	Metal Box 8 1/4" x 3 3/4" x 1 1/2"
T-22	1 1/16" 12-Pt. Socket		



T58C



T57C



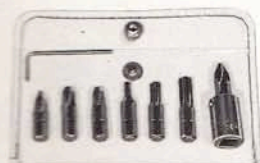
T56C



T59C



T56B



TB3R



TWB

Set No. T57C (5 Pieces 3/8" Drive Universal Socket Set)
B83357, Wt.: .750 Lbs.

TU-12	3/8" 12-Pt. Universal Socket	TU-18	9/16" 12-Pt. Universal Socket
TU-14	7/16" 12-Pt. Universal Socket	TU-20	5/8" 12-Pt. Universal Socket
TU-16	1/2" 12-Pt. Universal Socket		

Packaged in cardboard container.

Set No. T56C (8 Pieces 3/8" Drive Universal Socket Set)
B83360, Wt.: 1.000 Lbs.

TU-12	3/8" 12-Pt. Universal Socket	TU-20	5/8" 12-Pt. Universal Socket
TU-14	7/16" 12-Pt. Universal Socket	TU-22	1 1/16" 12-Pt. Universal Socket
TU-16	1/2" 12-Pt. Universal Socket	TU-24	3/4" 12-Pt. Universal Socket
TU-18	9/16" 12-Pt. Universal Socket	MB-652	Metal Tray

Set No. T59C (21 Pieces 3/8" Drive Socket Set)
B83359, Wt.: 6.250 Lbs.

T-12	3/8" 12-Pt. Socket	TL-20	5/8" 12-Pt. Deep Socket
T-14	7/16" 12-Pt. Socket	TL-22	1 1/16" 12-Pt. Deep Socket
T-16	1/2" 12-Pt. Socket	TL-24	3/4" 12-Pt. Deep Socket
T-18	9/16" 12-Pt. Socket	TLH-26R	1 3/16" Spark Plug Socket
T-20	5/8" 12-Pt. Socket	T-603	3" Extension
T-22	1 1/16" 12-Pt. Socket	T-606	6" Extension
T-24	3/4" 12-Pt. Socket	T-702K	Rev. Ratchet
TL-12	3/8" 12-Pt. Deep Socket	T-720	Hinge Handle
TL-14	7/16" 12-Pt. Deep Socket	T-760	Universal Joint
TL-16	1/2" 12-Pt. Deep Socket	MB-34	Metal Box 14 3/4" x 1 1/2" x 3"
TL-18	9/16" 12-Pt. Deep Socket		

Set No. T56B (8 pieces)
B83356, Wt.: 1.216 Lbs.

No.	Description	No.	Description
TU12	3/8" 12-Pt. Universal Socket	TU20	5/8" 12-Pt. Universal Socket
TU14	7/16"	TU22	1 1/16"
TU16	1/2"	TU24	3/4"
TU18	9/16"	MB22-1	Metal Box, 2 1/2" x 6 1/2" x 1"

Set No. TB3R (9 piece Phillips and Clutch Head Set in Leatherette Roll No. LR5)
B84303, Wt.: .375 Lbs.

No.	Bit Size	No.	Bit Size
TP1BT	#1	TCL5BT	1/4"
TP2BT	#2	TCL7BT	5/16"
TP3BT	#3	TPC	Bit Socket
TP4BT	#4	AW2 1/2	Hex Key
TCL3BT	5/32"		

Set No. TWB (9 piece Socket Hex Key Set)
B84906, Wt.: .845 Lbs.

No.	Hex Size	No.	Hex Size
TW4	1/8"	TW10	5/16"
TW5	5/32"	TW12	3/8"
TW6	3/16"	AW2 1/2	Hex Key
TW7	7/32"	MB8	Metal Box, 4 1/2" x 2" x 3/4"
TW8	1/4"		

Bonney 1/2 inch Square Drive Sockets, handles, and attachments are lighter, stronger and more efficient to use. A complete range of size openings in 6, 8, and 12 point sockets, with positive lock "ball check" feature is available with matched handles and attachments for every purpose. Made from carefully selected, fine alloy steel precision machined, scientifically hardened and tempered for long, dependable service.

6-POINT—REGULAR LENGTH

Number	Part No.	Opening	O.A. Length	O.D. Socket End	Weight Lbs.
AH12	B31412-06	3/8"	1 1/2"	9/16"	.106
AH14	B31414-06	7/16"	1 1/2"	41/64"	.113
AH16	B31416-06	1/2"	1 1/2"	47/64"	.122
AH18	B31418-06	9/16"	1 1/2"	13/16"	.119
AH20	B31420-06	5/8"	1 1/2"	7/8"	.125
AH22	B31422-06	11/16"	1 1/2"	31/32"	.163
AH24	B31424-06	3/4"	1 1/2"	1 1/32"	.181
AH26	B31426-06	13/16"	1 1/2"	1 1/8"	.225
AH28	B31428-06	7/8"	1 1/2"	1 1/16"	.244
AH30	B31430-06	15/16"	1 1/2"	1 1/4"	.275
AH32	B31432-06	1"	1 1/2"	1 11/32"	.300
AH34	B31434-06	1 1/16"	1 1/2"	1 7/16"	.388
AH36	B31436-06	1 1/8"	1 1/2"	1 1/2"	.397
AH38	B31438-06	1 3/16"	1 1/2"	1 5/8"	.438
AH40	B31440-06	1 1/4"	1 1/2"	1 11/16"	.466

Fed. Spec.: GGG-W-641D Type II Class 1 Style A

8-POINT—REGULAR LENGTH

AS12	B31412-08	3/8"	1 1/2"	11/16"	.120
AS14	B31414-08	7/16"	1 1/2"	13/16"	.141
AS16	B31416-08	1/2"	1 1/2"	7/8"	.125
AS18	B31418-08	9/16"	1 1/2"	1 1/32"	.225
AS20	B31420-08	5/8"	1 1/2"	1 1/16"	.225
AS22	B31422-08	11/16"	1 1/2"	1 3/16"	.292
AS24	B31424-08	3/4"	1 1/2"	1 1/4"	.356
AS26	B31426-08	13/16"	1 1/2"	1 3/8"	.394
AS28	B31428-08	7/8"	1 1/2"	1 1/2"	.509
AS30	B31430-08	15/16"	1 1/2"	1 5/8"	.556
AS32	B31432-08	1"	1 1/2"	1 11/16"	.663

Fed. Spec.: GGG-W-641D Type II Class 3



NICKEL-CHROME PLATED FINISH

12-POINT—REGULAR LENGTH

Number	Part No.	Opening	O.A. Length	O.D. Socket End	Weight Lbs.
A12	B31412-01	3/8"	1 1/2"	9/16"	.106
A14	B31414-01	7/16"	1 1/2"	41/64"	.113
A16	B31416-01	1/2"	1 1/2"	47/64"	.122
A18	B31418-01	9/16"	1 1/2"	13/16"	.119
A19	B31419-01	19/32"	1 1/2"	27/32"	.125
A20	B31420-01	5/8"	1 1/2"	7/8"	.125
A22	B31422-01	11/16"	1 1/2"	31/32"	.163
A24	B31424-01	3/4"	1 1/2"	1 1/32"	.181
A25	B31425-01	25/32"	1 1/2"	1 1/16"	.188
A26	B31426-01	13/16"	1 1/2"	1 1/8"	.225
A28	B31428-01	7/8"	1 1/2"	1 1/16"	.244
A30	B31430-01	15/16"	1 1/2"	1 1/4"	.275
A32	B31432-01	1"	1 1/2"	1 11/32"	.300
A34	B31434-01	1 1/16"	1 1/2"	1 7/16"	.388
A36	B31436-01	1 1/8"	1 1/2"	1 1/2"	.397
A38	B31438-01	1 3/16"	1 1/2"	1 5/8"	.438
A40	B31440-01	1 1/4"	1 1/2"	1 11/16"	.466
A42	B31442-01	1 5/16"	2 3/16"	1 7/8"	.937

Fed. Spec.: GGG-W-641D Type II Class 2 Style A

6-POINT—DEEP

ALH12	B31412-07	3/8"	3"	39/64"	.343
ALH14	B31414-07	7/16"	3"	1 1/16"	.343
ALH16	B31416-07	1/2"	3"	47/64"	.343
ALH18	B31418-07	9/16"	3"	51/64"	.312
ALH20	B31420-07	5/8"	3"	7/8"	.312
ALH22	B31422-07	11/16"	3"	15/16"	.312
ALH24	B31424-07	3/4"	3"	1 1/32"	.375
ALH26	B31426-07	13/16"	3"	1 1/16"	.375
ALH28	B31428-07	7/8"	3"	1 3/16"	.500
ALH30	B31430-07	15/16"	3"	1 1/4"	.531
ALH32	B31432-07	1"	3"	1 11/32"	.625
ALH34	B31434-07	1 1/16"	3"	1 7/16"	.750
ALH36	B31436-07	1 1/8"	3"	1 1/2"	.812
ALH40	B31440-07	1 1/4"	3"	1 25/32"	1.375

Fed. Spec.: GGG-W-641D Type II Class 2 Style B

12-POINT—DEEP

AL16	B31416-02	1/2"	3 1/4"	47/64"	.294
AL18	B31418-02	9/16"	3 1/4"	51/64"	.269
AL20	B31420-02	5/8"	3 1/4"	7/8"	.238
AL22	B31422-02	11/16"	3 1/4"	15/16"	.269
AL24	B31424-02	3/4"	3 1/4"	1 1/32"	.333
AL26	B31426-02	13/16"	3 1/4"	1 1/8"	.350
AL28	B31428-02	7/8"	3 1/4"	1 3/16"	.450
AL30	B31430-02	15/16"	3 1/4"	1 1/4"	.500
AL32	B31432-02	1"	3 1/4"	1 11/32"	.575
AL34	B31434-02	1 1/16"	3 1/4"	1 7/16"	.713
AL36	B31436-02	1 1/8"	3 1/4"	1 1/2"	.750

Fed. Spec.: GGG-W-641D Type II Class 2 Style A

6-POINT SPARK PLUG RETAINER SOCKET

*ALH26R	B39426	13/16"	2 1/2"	1 1/16"	.280
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*6 Point Spark Plug Holding Socket has rubber insert and 3/4 inch male wrenching hex.

*No. 4206 ADAPTERS

Part No. B41463

Female Drive 1/2 inch, Male Drive 3/8 inch.
Wt.: .137 Lbs.

*No. 4298

Part No. B41466

Female Drive 1/2 inch, Male Drive 3/4 inch.
Wt.: .225 Lbs.
Fed. Spec.: GGG-W-641D Type IV Class 5 Style A

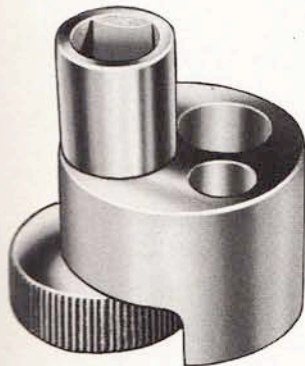
*No. 2591A ECCENTRIC STUD PULLER

Part No. B91320

Cam face is flush with bottom face of pullers, body to grip short studs firmly. Pinned eccentric is reversible for additional life. Teeth are sharp-milled for "bite" and easy release. 1/2" square drive . . . Alloy steel, chrome plated. Wt.: 1.131 Lbs.



4206



2591A



AC30



AF36

CROWFOOT—OPEN END

Number	Part No.	Opening	* TC	Dia. Head	Thkns. Head	Weight Lbs.
*AC30	B47430	1 5/16"	1 3/4"	1 15/16"	5/8"	.375
*AC32	B47432	1"	1 3/4"	1 15/16"	5/8"	.375
*AC34	B47434	1 1/16"	1 3/4"	2 1/8"	5/8"	.375
*AC36	B47436	1 1/8"	1 3/4"	2 1/4"	5/8"	.500
*AC38	B47438	1 3/16"	1 3/4"	2 1/4"	5/8"	.500
*AC40	B47440	1 1/4"	1 3/4"	2 1/4"	5/8"	.563
*AC42	B47442	1 9/16"	2"	2 1/2"	5/8"	.563
*AC44	B47444	1 3/8"	2"	2 1/2"	5/8"	.563
*AC46	B47446	1 7/16"	2"	2 3/4"	5/8"	.563
*AC48	B47448	1 1/2"	2"	2 3/4"	5/8"	.750
*AC50	B47450	1 9/16"	2"	2 15/16"	5/8"	.750
*AC52	B47452	1 5/8"	2"	2 15/16"	5/8"	.750
*AC54	B47454	1 11/16"	2"	2 15/16"	5/8"	.750
*AC56	B47456	1 3/4"	2 1/4"	3 1/4"	5/8"	.875
*AC58	B47458	1 13/16"	2 1/4"	3 1/4"	5/8"	.875
*AC60	B47460	1 7/8"	2 1/4"	3 1/4"	5/8"	.875
*AC62	B47462	1 15/16"	2 1/4"	3 9/16"	5/8"	1.000
*AC64	B47464	2"	2 1/4"	3 9/16"	5/8"	1.000
*AC66	B47466	2 1/16"	2 1/4"	3 9/16"	5/8"	1.000
*AC68	B47468	2 1/8"	2 1/2"	3 15/16"	5/8"	1.438
*AC70	B47470	2 3/16"	2 1/2"	3 15/16"	5/8"	1.125
*AC72	B47472	2 1/4"	2 1/2"	3 15/16"	5/8"	1.125
*AC74	B47474	2 9/16"	2 1/2"	4 3/8"	5/8"	1.438
*AC76	B47476	2 3/8"	2 1/2"	4 3/8"	5/8"	1.438
*AC78	B47478	2 1/16"	2 1/2"	4 3/8"	5/8"	1.438
*AC80	B47480	2 1/2"	2 1/2"	4 3/8"	5/8"	1.438
*AC82	B47482	2 9/16"	2 1/2"	4 3/8"	5/8"	1.438
*AC84	B47484	2 5/8"	2 1/2"	5 1/32"	5/8"	1.750
*AC86	B47486	2 11/16"	2 1/2"	5 1/32"	5/8"	1.750
*AC88	B47488	2 3/4"	2 1/2"	5 1/32"	5/8"	1.750
*AC90	B47490	2 13/16"	2 1/2"	5 1/32"	5/8"	1.688
*AC92	B47492	2 7/8"	2 1/2"	5 1/32"	5/8"	1.625
*AC94	B47494	2 15/16"	2 1/2"	5 1/32"	5/8"	1.625
*AC96	B47496	3"	2 5/8"	5 1/32"	5/8"	1.625

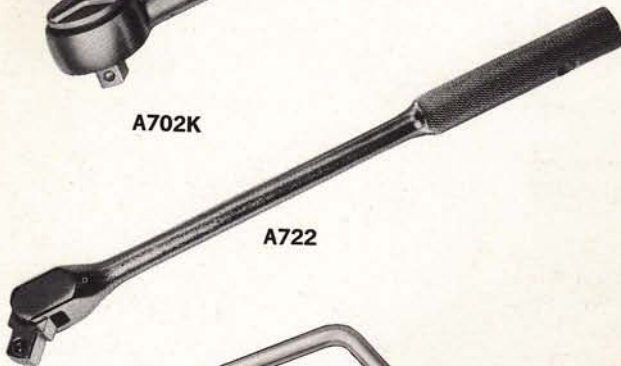
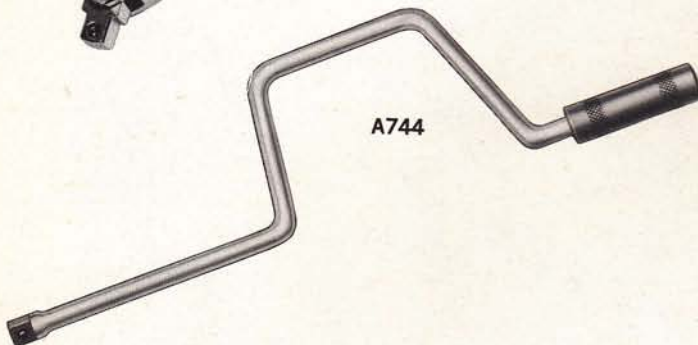
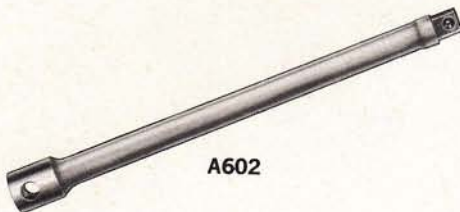
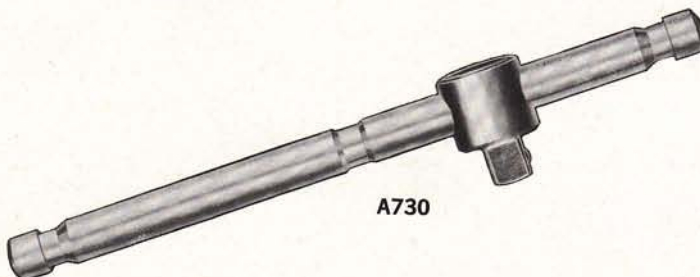
Torque Lever Arm Dimension.

CROWFOOT—BOX TYPE 12-POINT

These Crowfoot Wrenches complement the 1/4 inch Square Drive Series and provide the most complete size range in the industry.

*AF36	B46436	1 1/8"	1 3/32"	1 39/64"	29/32"	.250
*AF38	B46438	1 3/16"	1 1/8"	1 43/64"	29/32"	.250
*AF40	B46440	1 1/4"	1 11/64"	1 49/64"	29/32"	.250
*AF42	B46442	1 5/16"	1 13/64"	1 53/64"	29/32"	.250
*AF44	B46444	1 3/8"	1 1/4"	1 59/64"	31/32"	.313
*AF46	B46446	1 7/16"	1 9/32"	1 63/64"	31/32"	.313
*AF48	B46448	1 1/2"	1 5/16"	2 3/64"	31/32"	.313
*AF50	B46450	1 9/16"	1 23/64"	2 9/64"	31/32"	.375
*AF52	B46452	1 5/8"	1 25/64"	2 13/64"	31/32"	.375
*AF54	B46454	1 11/16"	1 7/16"	2 19/64"	1 1/32"	.438
*AF56	B46456	1 3/4"	1 15/32"	2 23/64"	1 1/32"	.438
*AF58	B46458	1 13/16"	1 33/64"	2 29/64"	1 1/32"	.438
*AF60	B46460	1 7/8"	1 9/16"	2 35/64"	1 3/32"	.563
*AF62	B46462	1 15/16"	1 19/32"	2 39/64"	1 3/32"	.563
*AF64	B46464	2"	1 41/64"	2 45/64"	1 3/32"	.563

Fed. Spec.: GGG-W-641D Type IV Class 1 Style A

**A702K****A722****A744****A602****A760****A730****No. A702K REVERSIBLE RATCHET****Part No. B41430**

Bonney's sturdy new 72 tooth action ratchet reverses at a touch of the thumb. Finish in gleaming chrome plate for years of service. Exceeds government requirements.

1/2 inch square drive . . . Lgth.: 10", Wt.: 1.25 Lbs.
Fed. Spec.: GGG-W-641D Type III Class 2

No. A702KR RATCHET REPAIR KIT (Complete)**Part No. B86414**

Note: See price list on Repair Kits for earlier ratchets.

No. A722 HINGE HANDLES

No. A722, Part No. B41441, Lgth.: 15 1/2",
Wt.: 1.30 Lbs.

No. A724, Part No. B41442, Lgth.: 18 1/2",
Wt.: 1.75 Lbs.

Fed. Spec.: GGG-W-641D Type III Class 1

No. A744 SPEEDER HANDLE **Part No. B41445**

Lgth.: 19", Wt.: 1.35 Lbs.

Fed. Spec.: GGG-W-641D Type III Class 3 Style A Design 1

No. A602 EXTENSIONS

No. A602, Part No. B41402, Lgth.: 2", Wt.: .181 Lbs.

No. A605, Part No. B41405, Lgth.: 5", Wt.: .250 Lbs.

No. A610, Part No. B41410, Lgth.: 10", Wt.: .731 Lbs.

No. A620, Part No. B41420, Lgth.: 20", Wt.: 1.73 Lbs.

Fed. Spec.: GGG-W-641D Type III Class 4 Style A

No. A760 UNIVERSAL JOINT **Part No. B41490**

Lgth.: 2-3/8", Wt.: .250 Lbs.

Fed. Spec.: GGG-W-641D Type II Class 4

No. A730 SLIDING "T" HANDLE**Part No. B41444**

Lgth.: 9-1/4", Wt.: .82 Lbs.

Fed. Spec.: GGG-W-641D Type III Class 4 Style A

Set No. A50B (18 Pieces— $\frac{1}{2}$ " Square Drive Tool Set)
Part No. B83450, Wt.: 9.000 lbs.

Number	Description	Number	Description
A-14	$\frac{7}{16}$ " 12-Pt. Socket	A-32	1" 12-Pt. Socket
A-16	$\frac{1}{2}$ " 12-Pt. Socket	A-34	$1\frac{1}{16}$ " 12-Pt. Socket
A-18	$\frac{9}{16}$ " 12-Pt. Socket	A-36	$1\frac{1}{8}$ " 12-Pt. Socket
A-20	$\frac{5}{8}$ " 12-Pt. Socket	A-38	$1\frac{3}{16}$ " 12-Pt. Socket
A-22	$1\frac{1}{16}$ " 12-Pt. Socket	A-40	$1\frac{1}{4}$ " 12-Pt. Socket
A-24	$\frac{3}{4}$ " 12-Pt. Socket	A-722	Hinge Handle
A-26	$1\frac{3}{16}$ " 12-Pt. Socket	A-605	5" Extension
A-28	$\frac{7}{8}$ " 12-Pt. Socket	A-702K	Reversible Ratchet
A-30	$1\frac{5}{16}$ " 12-Pt. Socket	MB-46	Metal Box, 2" x $17\frac{1}{8}$ " x $3\frac{1}{2}$ "



A50B



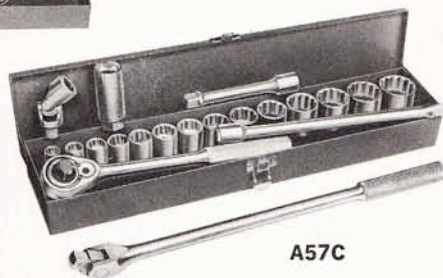
A52B-A53B



A55C



A56C



A57C



AA16B1

Set No. A52B (9 Pieces— $\frac{1}{2}$ " Square Drive Tool Set)
Part No. B83452, Wt.: 3.875 Lbs.

Number	Description	Number	Description
ALH-16	$\frac{1}{2}$ " 6-Pt. Deep Socket	ALH-26	$1\frac{3}{16}$ " 6-Pt. Deep Socket
ALH-18	$\frac{9}{16}$ " 6-Pt. Deep Socket	ALH-28	$\frac{7}{8}$ " 6-Pt. Deep Socket
ALH-20	$\frac{5}{8}$ " 6-Pt. Deep Socket	ALH-30	$1\frac{5}{16}$ " 6-Pt. Deep Socket
ALH-22	$1\frac{1}{16}$ " 6-Pt. Deep Socket	MB-20	Metal Box, $8\frac{1}{4}$ " x $3\frac{3}{4}$ " x $1\frac{1}{2}$ "
ALH-24	$\frac{3}{4}$ " 6-Pt. Deep Socket		

Set No. A53B (9 Pieces— $\frac{1}{2}$ " Square Drive Tool Set)
Part No. B83453, Wt.: 3.875 Lbs.

Number	Description	Number	Description
AL-16	$\frac{1}{2}$ " 12-Pt. Deep Socket	AL-26	$1\frac{3}{16}$ " 12-Pt. Deep Socket
AL-18	$\frac{9}{16}$ " 12-Pt. Deep Socket	AL-28	$\frac{7}{8}$ " 12-Pt. Deep Socket
AL-20	$\frac{5}{8}$ " 12-Pt. Deep Socket	AL-30	$1\frac{5}{16}$ " 12-Pt. Deep Socket
AL-22	$1\frac{1}{16}$ " 12-Pt. Deep Socket	MB-20	Metal Box $8\frac{1}{4}$ " x $3\frac{3}{4}$ " x $1\frac{1}{2}$ "
AL-24	$\frac{3}{4}$ " 12-Pt. Deep Socket		

Set No. A55C (11 Pieces— $\frac{1}{2}$ " Drive Basic Set)
Part No. B83460, Wt.: 2.100 Lbs.

Number	Description	Number	Description
A-12	$\frac{3}{8}$ " 12-Pt. Socket	A-24	$\frac{3}{4}$ " 12-Pt. Socket
A-14	$\frac{7}{16}$ " 12-Pt. Socket	A-26	$1\frac{3}{16}$ " 12-Pt. Socket
A-16	$\frac{1}{2}$ " 12-Pt. Socket	A-28	$\frac{7}{8}$ " 12-Pt. Socket
A-18	$\frac{9}{16}$ " 12-Pt. Socket	A-702K	Reversible Ratchet
A-20	$\frac{5}{8}$ " 12-Pt. Socket	MB-46	Metal Box $17\frac{1}{8}$ " x $3\frac{1}{2}$ " x 2"
A-22	$1\frac{1}{16}$ " 12-Pt. Socket		

Set No. A56C (21 Pieces— $\frac{1}{2}$ " Drive Socket Set)
Part No. B83456, Wt.: 5.600 Lbs.

Number	Description	Number	Description
A-14	$\frac{7}{16}$ " 12-Pt. Socket	A-36	$1\frac{1}{8}$ " 12-Pt. Socket
A-16	$\frac{1}{2}$ " 12-Pt. Socket	A-38	$1\frac{3}{16}$ " 12-Pt. Socket
A-18	$\frac{9}{16}$ " 12-Pt. Socket	A-40	$1\frac{1}{4}$ " 12-Pt. Socket
A-20	$\frac{5}{8}$ " 12-Pt. Socket	A-605	5" Extension
A-22	$1\frac{1}{16}$ " 12-Pt. Socket	A-610	10" Extension
A-24	$\frac{3}{4}$ " 12-Pt. Socket	A-722	Hinge Handle
A-26	$1\frac{3}{16}$ " 12-Pt. Socket	A-760	Universal Joint
A-28	$\frac{7}{8}$ " 12-Pt. Socket	A-702K	Reversible Ratchet
A-30	$1\frac{5}{16}$ " 12-Pt. Socket	ALH-26R	Spark Plug Socket
A-32	1" 12-Pt. Socket	MB-60Z	Metal Box Hip Roof 20" x 9" x 8"
A-34	$1\frac{1}{16}$ " 12-Pt. Socket		

Set No. A57C (21 Pieces— $\frac{1}{2}$ " Drive Socket Set)
Part No. B83457, Wt.: 5.110 Lbs.

Number	Description	Number	Description
A-14	$\frac{7}{16}$ " 12-Pt. Socket	A-36	$1\frac{1}{8}$ " 12-Pt. Socket
A-16	$\frac{1}{2}$ " 12-Pt. Socket	A-38	$1\frac{3}{16}$ " 12-Pt. Socket
A-18	$\frac{9}{16}$ " 12-Pt. Socket	A-40	$1\frac{1}{4}$ " 12-Pt. Socket
A-20	$\frac{5}{8}$ " 12-Pt. Socket	A-605	5" Extension
A-22	$1\frac{1}{16}$ " 12-Pt. Socket	A-610	10" Extension
A-24	$\frac{3}{4}$ " 12-Pt. Socket	A-722	Hinge Handle
A-26	$1\frac{3}{16}$ " 12-Pt. Socket	A-760	Universal Joint
A-28	$\frac{7}{8}$ " 12-Pt. Socket	A-702K	Reversible Ratchet
A-30	$1\frac{5}{16}$ " 12-Pt. Socket	ALH-26R	Spark Plug Socket
A-32	1" 12-Pt. Socket	MB-46	Metal Box $17\frac{1}{8}$ " x $3\frac{1}{2}$ " x 2"
A-34	$1\frac{1}{16}$ " 12-Pt. Socket		

Set No. AA16B1 (13 Pieces— $\frac{1}{2}$ " Square Drive Tool Set)
Part No. B83455, Wt.: 5.250 Lbs.

Number	Description	Number	Description
A-12	$\frac{3}{8}$ " 12-Pt. Socket	A-26	$1\frac{3}{16}$ " 12-Pt. Socket
A-14	$\frac{7}{16}$ " 12-Pt. Socket	A-28	$\frac{7}{8}$ " 12-Pt. Socket
A-16	$\frac{1}{2}$ " 12-Pt. Socket	A-30	$1\frac{5}{16}$ " 12-Pt. Socket
A-18	$\frac{9}{16}$ " 12-Pt. Socket	A-32	1" 12-Pt. Socket
A-20	$\frac{5}{8}$ " 12-Pt. Socket	A-702K	Reversible Ratchet
A-22	$1\frac{1}{16}$ " 12-Pt. Socket	MB-46	Metal Box, 2" x $17\frac{1}{8}$ " x $3\frac{1}{2}$ "
A-24	$\frac{3}{4}$ " 12-Pt. Socket		

Rugged strength with no unnecessary weight

Bonney 3/4 inch square drive heavy-duty sockets, handles and attachments are the accepted standard of the discriminating mechanic. Beginning with finest alloy steel and finishing with durable chrome plate, Bonney 3/4 inch square drive tools more than meet every heavy-duty service need.



R28-R72



RLH32-RLH40



56806



56804



56813



HD1B

Our one best for every purpose heavy duty set—sockets from 15/16 through 2 inch with the necessary handles and attachments.

Set No. HD1B (20 pieces—40.187 Lbs.)

Part No. B83651

12 POINT—REGULAR LENGTH

Number	Part No.	Opening	O.A. Length	O.D. Socket End	Weight Lbs.
R28	B31628-01	7/8"	2"	15/16"	.400
R30	B31630-01	15/16"	2"	1 1/8"	.406
R32	B31632-01	1"	2"	1 1/16"	.459
R34	B31634-01	1 1/16"	2"	1 3/16"	.600
R36	B31636-01	1 1/8"	2"	1 5/8"	.688
R38	B31638-01	1 3/16"	2"	1 11/16"	.669
R40	B31640-01	1 1/4"	2 3/16"	1 25/32"	.775
R42	B31642-01	1 5/16"	2 3/16"	1 7/8"	.900
R44	B31644-01	1 3/8"	2 3/16"	1 15/16"	.950
R46	B31646-01	1 7/16"	2 3/8"	2"	1.000
R48	B31648-01	1 1/2"	2 3/8"	2 1/16"	1.075
R50	B31650-01	1 9/16"	2 3/8"	2 1/8"	1.113
R52	B31652-01	1 5/8"	2 3/8"	2 1/4"	1.369
R54	B31654-01	1 11/16"	2 7/16"	2 1/4"	1.000
R56	B31656-01	1 3/4"	2 1/2"	2 19/64"	1.150
R58	B31658-01	1 13/16"	2 13/16"	2 3/8"	1.400
R60	B31660-01	1 7/8"	2 7/8"	2 15/32"	1.463
R64	B31664-01	2"	3"	2 19/32"	1.531
R66	B31666-01	2 1/16"	3"	2 27/32"	2.363
R68	B31668-01	2 1/8"	3 1/16"	2 27/32"	2.200
R70	B31670-01	2 3/16"	3 1/8"	3"	2.488
R72	B31672-01	2 1/4"	3 3/16"	3"	2.200

Fed. Spec.: GGG-W-641D Type II Class 2 Style A

6 POINT—DEEP

RLH32	B31632-07	1"	3 1/2"	1 1/2"	.963
RLH34	B31634-07	1 1/16"	3 1/2"	1 9/16"	1.025
RLH36	B31636-07	1 1/8"	3 1/2"	1 5/8"	1.075
RLH40	B31640-07	1 1/4"	3 1/2"	1 25/32"	1.306

Fed. Spec.: GGG-W-641D Type II Class 3

NO. 56804 BALL JOINT SOCKETS

Part No. B56804

For Plymouth and Dodge. 2-9/16" O.D., 2" Long. Weight: 1.125 Lbs.

NO. 56806 BALL JOINT SOCKET

Part No. B56806

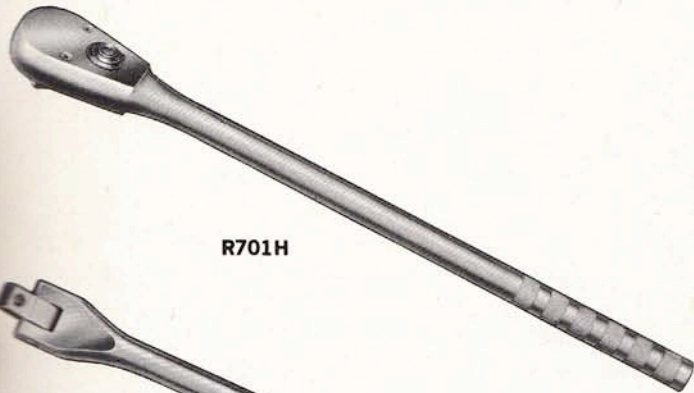
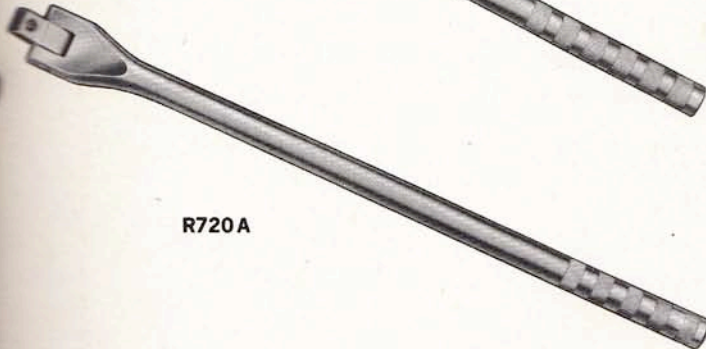
For Chrysler, DeSoto and Imperial
2 3/4" O.D. 2" Long, Weight: 1.625 Lbs.

NO. 56813 BALL JOINT SOCKET

Part No. B56813

For Valiant and Lancer
2 3/8" O.D., 3-9/16" Long, Weight: 1.182 Lbs.

Number	Part No.	Description	Number	Part No.	Description	Number	Part No.	Description
R30	B31630-01	15/16" 12-Pt. Socket	R48	B31648-01	1 1/2" 12-Pt. Socket	R730A	B41644	T Handle
R32	B31632-01	1" 12-Pt. Socket	R52	B31652-01	1 5/8" 12-Pt. Socket	R720A	B41641	Hinge Handle
R34	B31634-01	1 1/16" 12-Pt. Socket	R54	B31654-01	1 11/16" 12-Pt. Socket	R609	B41609	8 1/2" Extension
R36	B31636-01	1 1/8" 12-Pt. Socket	R58	B31658-01	1 13/16" 12-Pt. Socket	R604	B41604	4" Extension
R40	B31640-01	1 1/4" 12-Pt. Socket	R60	B31660-01	1 7/8" 12-Pt. Socket	R617	B41617	17" Extension
R42	B31642-01	1 5/16" 12-Pt. Socket	R64	B31664-01	2" 12-Pt. Socket	MB68	B81068	Metal Box, 21 1/2" x 9 1/2" x 4 1/2"
R46	B31646-01	1 7/16" 12-Pt. Socket	R701H	B41631	Reversible Ratchet			

Handles and Attachments**R701H****R720A****R760****R604****R730A****4211****No. R701H Reversible Ratchet Part No. B41631**

This new lightweight, one piece ratchet design, features a practical "Button" shifter for easy trouble free, positive reversing . . . rugged construction of a 30 tooth design for long life.

Lgth.: 22", Wt.: 5.375 lbs.

Fed. Spec.: GGG-W-641D Type III Class 2

Note: See price list on repair kits for earlier ratchets.

No. R701HR RATCHET REPAIR KIT

(complete)

Part No. B86401

No. R720A HINGE HANDLE

Part No. B41641

A new one piece style to match ratchet . . .

Lgth.: 20½", Wt.: 4.312 lbs.

No. R760 UNIVERSAL JOINT

Part No. B41690

Lgth.: 3-31/32, Wt.: 1,000 lb.

Fed. Spec.: GGG-W-641D Type II Class 4

No. R604 EXTENSIONS

No. R604

Part No. B41604

Lgth.: 4", Wt.: .875 lbs.

Fed. Spec.: GGG-W-641D Type IV Class 4 Style A

No. R609

Part No. B41609

Lgth.: 8-7/16" Wt.: 1.538 lbs.

Fed. Spec.: GGG-W-641D Type III Class 4 Style A

No. R617

Part No. B41617

Lgth.: 17", Wt.: 2.655 lbs.

No. R730A SLIDING "T" HANDLE

Part No. B41644

Fed. Spec.: GGG-W-641D Type III Class 4 Style A

A new one piece design . . . head stops flush with end of handle . . . length: 18" length of head: 2-1/8"

Wt.: 2.625 lbs.

Note: See price list for earlier style hinge and sliding "T" handle repair parts

No. 4211 ADAPTERS

No. 4211

Part No. B41668

Female drive 3/4" Male drive 1".

Wt.: 600 lbs.

Fed. Spec.: GGG-W-641D Type IV Class 5 Style A

***No. 4299**

Part No. B41664

Female drive 3/4" male drive 1/2".

Wt.: 344 lbs.

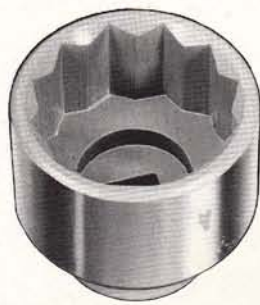
1 INCH SQUARE DRIVE "X" SERIES SOCKETS

Extra Heavy Duty Handles, Attachments and Set
NICKEL-CHROME PLATED FINISH

Bonney 1 Inch Square Drive Sockets and Handles are engineered and built to provide the extra durability and plus strength necessary for tough heavy duty jobs. All alloy steel construction, with precision machining and hardening process, is your assurance of maximum performance under the most severe service requirements.



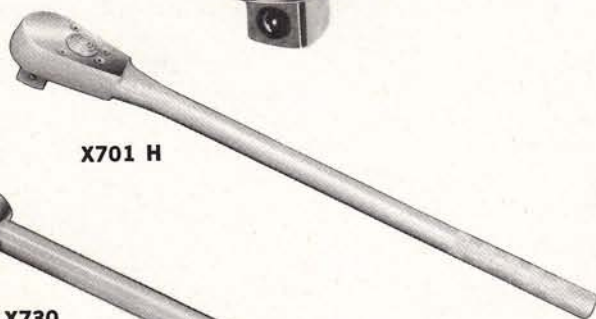
X46-X60



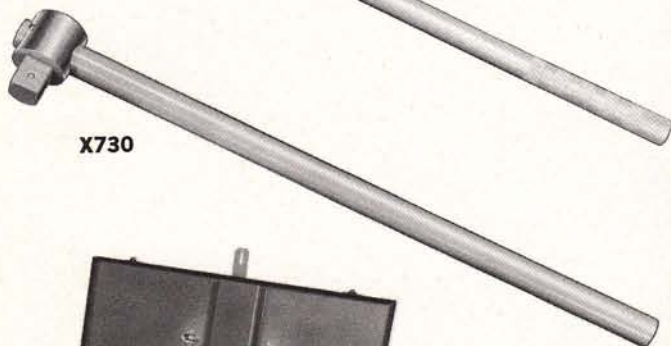
X64-X100



4213



X701 H



X730



XHIB

No. X701H REVERSIBLE RATCHET Part No. B41831

Exclusive one hand "button" shifter . . . handle and head forged in one piece . . . 30 tooth, drag free action.
Lgth.: 22", Wt.: 5.625 Lbs.

Fed. Spec.: GGG-W-641D Type III Class 2

No. X701HR RATCHET REPAIR KIT Part No. B86405

Note: See price list on ratchet repair kits for earlier designs.

12-POINT-REGULAR LENGTH

No.	Part No.	Opening	O.A. Length	O.D. Socket End	Weight Lbs.
X46	B31846-01	1 ⁷ / ₁₆ "	2 ⁵ / ₁₆ "	2"	.88
X48	B31848-01	1 ¹ / ₂ "	2 ¹⁹ / ₃₂ "	2 ¹ / ₈ "	1.19
X52	B31852-01	1 ⁵ / ₈ "	2 ¹¹ / ₁₆ "	2 ¹ / ₄ "	1.25
X58	B31858-01	1 ¹³ / ₁₆ "	2 ⁷ / ₈ "	2 ⁹ / ₁₆ "	1.75
X60	B31860-01	1 ⁷ / ₈ "	2 ³¹ / ₃₂ "	2 ⁵ / ₈ "	2.19
X64	B31864-01	2"	3 ¹ / ₁₆ "	2 ³ / ₄ "	2.31
X70	B31870-01	2 ³ / ₁₆ "	3 ¹ / ₈ "	3"	2.75
X72	B31872-01	2 ¹ / ₄ "	3 ⁷ / ₃₂ "	3"	2.81
X74	B31874-01	2 ⁵ / ₁₆ "	3 ⁹ / ₃₂ "	3 ¹ / ₈ "	2.88
X76	B31876-01	2 ³ / ₈ "	3 ⁵ / ₁₆ "	3 ⁹ / ₃₂ "	3.25
X78	B31878-01	2 ⁷ / ₁₆ "	3 ³ / ₈ "	3 ⁵ / ₁₆ "	3.19
X80	B31880-01	2 ¹ / ₂ "	3 ³ / ₈ "	3 ³ / ₈ "	3.13
X82	B31882-01	2 ⁹ / ₁₆ "	3 ¹⁷ / ₃₂ "	3 ³ / ₈ "	3.25
X84	B31884-01	2 ⁵ / ₈ "	3 ¹⁹ / ₃₂ "	3 ¹⁵ / ₃₂ "	3.50
X88	B31888-01	2 ³ / ₄ "	3 ¹¹ / ₁₆ "	3 ³ / ₄ "	4.63
X94	B31894-01	2 ¹⁵ / ₁₆ "	3 ³ / ₄ "	3 ³¹ / ₃₂ "	5.38
X96	B31896-01	3"	3 ³ / ₄ "	4 ¹ / ₁₆ "	5.50
X100	B31899-01	3 ¹ / ₈ "	3 ²⁹ / ₃₂ "	4 ¹ / ₄ "	6.50

Fed. Spec.: GGG-W-641D Type II Class 2 Style A

No. X730 SLIDING "T" HANDLES Part No. B41844

New, one piece construction. Lgth.: 23", Wt.: 6.125 Lbs.

Fed. Spec.: GGG-W-641D Type III Class 4 Style A

*No. 4213 ADAPTER Part No. B41866

Female Drive 1 inch. Male Drive 3/4 inch. Wt.: 1.375 Lbs.

Fed. Spec.: GGG-W-641D Type IV Class 5 Style A

TOOL SET No. XH1B Part No. B83851

Wt.: 28.25 Lbs. 9 pieces

This basic extra heavy-duty set provides a size range through 2-3/8 inches with room in box to expand set as needed.

No.	Description	No.	Description
X46	1 ⁷ / ₁₆ " Socket	X70	2 ³ / ₁₆ " Socket
X48	1 ¹ / ₂ " Socket	X76	2 ³ / ₈ " Socket
X52	1 ⁵ / ₈ " Socket	X701H	Reversible Ratchet
X58	1 ¹³ / ₁₆ " Socket	MB64	Metal Box 21 ¹ / ₂ " x 9 ¹ / ₂ " x 4 ¹ / ₂ "
X64	2" Socket		

3/8 Inch and 1/2 Inch Square Drive, 6 Point—Regular and Deep

Engineered for extra-rugged service on all types of power wrenches. Also popular for manual attachments where heavy use is required. Heavy-duty power sockets and attachments are all alloy steel with black oxide finish.



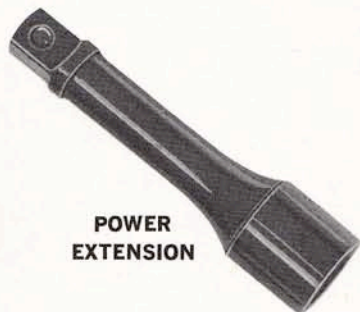
6-POINT REGULAR



6-POINT DEEP



POWER ADAPTER



POWER EXTENSION

POWER ATTACHMENT

POWER EXTENSIONS—3/8 INCH SQUARE DRIVE

No.	Part No.	O.A. Length	Wgt. Lbs.
*EP2-3	B42303	3"	.130
*EP2-6	B42306	6"	.250

1/2 INCH SQUARE DRIVE

*EP3-5	B42405	5"	.40
*EP3-10	B42410	10"	.91

Fed. Spec.: GGG-W-660 Type II

3/8 INCH SQUARE DRIVE—6-POINT REGULAR LENGTH

Number	Part No.	Opening	O.D. Socket End	O.D. Drive End	O.A. Length	Weight Lbs.
*P2212	B32312-06	3/8"	35/64"	11/16"	7/8"	.062
*P2214	B32314-06	7/16"	41/64"	11/16"	7/8"	.062
*P2216	B32316-06	1/2"	3/4"	3/4"	7/8"	.070
*P2218	B32318-06	9/16"	51/64"	51/64"	7/8"	.083
*P2220	B32320-06	5/8"	7/8"	7/8"	7/8"	.118
*P2222	B32322-06	11/16"	31/32"	31/32"	1"	.187
*P2224	B32324-06	3/4"	11/32"	11/32"	1"	.187

Fed. Spec.: GGG-W-660 Type I Class 1 Style A

1/2 INCH SQUARE DRIVE—6-POINT REGULAR LENGTH

*P3212	B32412-06	3/8"	39/64"	7/8"	1 1/2"	.160
*P3214	B32414-06	7/16"	11/16"	7/8"	1 1/2"	.154
*P3216	B32416-06	1/2"	49/64"	15/16"	1 1/2"	.230
*P3218	B32418-06	9/16"	55/64"	15/16"	1 1/2"	.250
*P3220	B32420-06	5/8"	15/16"	1"	1 1/2"	.230
*P3222	B32422-06	11/16"	1 1/64"	1 1/64"	1 1/2"	.253
*P3224	B32424-06	3/4"	17/64"	17/64"	1 1/2"	.279
*P3226	B32426-06	13/16"	13/16"	13/16"	1 1/2"	.305
*P3228	B32428-06	7/8"	1 17/64"	1 17/64"	1 1/2"	.388
*P3230	B32430-06	15/16"	13/8"	13/8"	1 3/4"	.482
*P3232	B32432-06	1"	17/16"	17/16"	1 3/4"	.518
*P3234	B32434-06	1 1/16"	1 33/64"	1 33/64"	2"	.689
*P3236	B32436-06	1 1/8"	1 39/64"	1 39/64"	2"	.677
*P3238	B32438-06	1 3/16"	1 11/16"	1 11/16"	2"	.795
*P3240	B32440-06	1 1/4"	1 49/64"	1 49/64"	2"	.908

Fed. Spec.: GGG-W-660 Type I Class 1 Style A

1/2 INCH SQUARE DRIVE—6-POINT DEEP

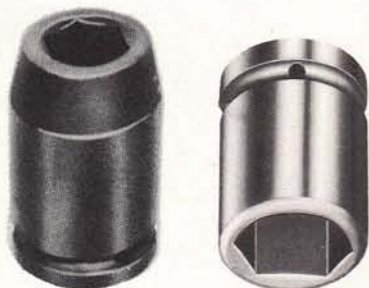
*P3212L	B32412-07	3/8"	39/64"	7/8"	3 1/4"	.358
*P3214L	B32414-07	7/16"	11/16"	7/8"	3 1/4"	.381
*P3216L	B32416-07	1/2"	49/64"	15/16"	3 1/4"	.432
*P3218L	B32418-07	9/16"	55/64"	15/16"	3 1/4"	.427
*P3220L	B32420-07	5/8"	15/16"	1"	3 1/4"	.468
*P3222L	B32422-07	11/16"	1 1/64"	1 1/64"	3 1/4"	.524
*P3224L	B32424-07	3/4"	17/64"	17/64"	3 1/4"	.577
*P3226L	B32426-07	13/16"	13/16"	13/16"	3 1/4"	.617
*P3228L	B32428-07	7/8"	1 17/64"	1 17/64"	3 1/2"	.836
*P3230L	B32430-07	15/16"	13/8"	13/8"	3 1/2"	.919
*P3232L	B32432-07	1"	17/16"	17/16"	3 1/2"	.965

Fed. Spec.: GGG-W-660 Type I Class 1 Style A

POWER ADAPTERS

No.	Part No.	Female	Male	O.A. Length	Wgt. Lbs.
*AP23	B42364	3/8"	1/2"	1 1/2"	.20
*AP32	B42463	1/2"	3/8"	1 1/2"	.26
*AP43	B42564	5/8"	1/2"	1 53/64"	.300

Bonney Impact Sockets and Attachments are designed for use with air or electric impact guns. They are produced from the finest alloy steel, finished in black oxide. These sockets and attachments are attached to the impact gun drive square by means of a through pin held in place by an O-ring. Rings and pins are listed below.



6-POINT REGULAR



6-POINT DEEP



I5426



POWER EXTENSION



POWER ADAPTER

3/4 INCH SQUARE DRIVE—6-POINT REGULAR LENGTH

Number	Part No.	Opening	O.D. Socket End	O.D. Drive End	O.A. Length	Weight Lbs.
*I5224	B32624-06	3/4"	1 1/4"	1 5/8"	2 1/4"	.903
*I5226	B32626-06	13/16"	1 3/8"	1 5/8"	2 1/4"	.923
*I5228	B32628-06	7/8"	1 1/2"	1 5/8"	2 1/4"	.993
*I5230	B32630-06	15/16"	1 9/16"	1 5/8"	2 3/8"	.850
*I5232	B32632-06	1"	1 5/8"	1 5/8"	2 3/8"	.890
*I5234	B32634-06	1 1/16"	1 11/16"	1 11/16"	2 1/2"	1.05
*I5236	B32636-06	1 1/8"	1 3/4"	1 3/4"	2 1/2"	1.02
*I5238	B32638-06	1 3/16"	1 7/8"	1 7/8"	2 1/2"	1.48
*I5240	B32640-06	1 1/4"	2"	2"	2 5/8"	1.47
*I5242	B32642-06	1 5/16"	2 1/16"	2 1/16"	2 5/8"	1.77
*I5244	B32644-06	1 3/8"	2 1/8"	2 1/8"	2 3/4"	1.66
*I5246	B32646-06	1 7/16"	2 1/4"	2 1/4"	2 3/4"	2.17
*I5248	B32648-06	1 1/2"	2 5/16"	2 5/16"	2 3/4"	2.22

Fed. Spec.: GGG-W-660 Type I Class 1 Style A

3/4 INCH SQUARE DRIVE—6-POINT DEEP

*I5224L	B32624-07	3/4"	1 1/4"	1 5/8"	3 1/2"	1.51
*I5226L	B32626-07	13/16"	1 3/8"	1 5/8"	3 1/2"	1.51
*I5228L	B32628-07	7/8"	1 1/2"	1 5/8"	3 1/2"	1.46
*I5230L	B32630-07	15/16"	1 9/16"	1 5/8"	3 1/2"	1.41
*I5232L	B32632-07	1"	1 5/8"	1 5/8"	3 1/2"	1.35
*I5234L	B32634-07	1 1/16"	1 11/16"	1 11/16"	3 1/2"	1.42
*I5236L	B32636-07	1 1/8"	1 3/4"	1 3/4"	3 1/2"	1.36
*I5240L	B32640-07	1 1/4"	2"	2"	3 3/4"	2.07
*I5248L	B32648-07	1 1/2"	2 5/16"	2 5/16"	3 3/4"	2.87

Fed. Spec.: GGG-W-660 Type I Class 1 Style B

3/4 INCH SQUARE DRIVE—4-POINT REGULAR (Budd Wheel Socket)

*I5426	B32626-04	13/16"	1 5/8"	1 5/8"	2 1/4"	1.01
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POWER EXTENSIONS—3/4 INCH SQUARE DRIVE

Number	Part No.	O.A. Length	Weight Lbs.
*EP5-4	B42604	3 1/2"	1.20
*EP5-10	B42610	10"	3.43

POWER ADAPTERS

Number	Part No.	Female	Male	O.A. Length	Weight Lbs.
*AP53	B42664	3/4"	1/2"	2 5/32"	.64

"O" RINGS

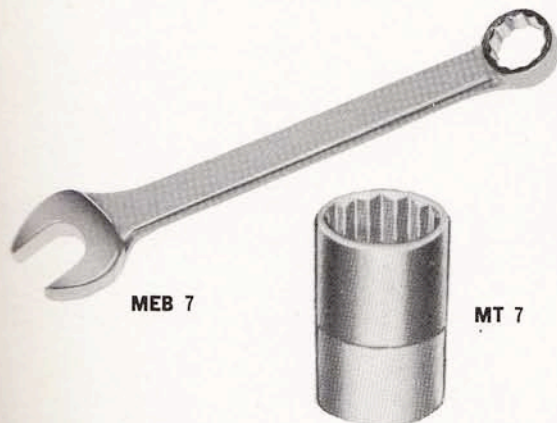
Number	Part No.	Used on Socket Number
*RIB28	B39048	I5224 thru I5242
*RIB32	B39070	I5244 thru I5254
		(Both regular and deep series)

PINS

*SP22	B39022	I5224 thru I5242
*SP27	B39027	I5244 thru I5254
		(Both regular and deep series)

METRIC 3/8 INCH DRIVE SOCKETS—COMBINATION WRENCHES AND TOOL SETS

Bonney Metric Size Tools provide the popular opening needed to service foreign-made cars using millimeter fasteners.

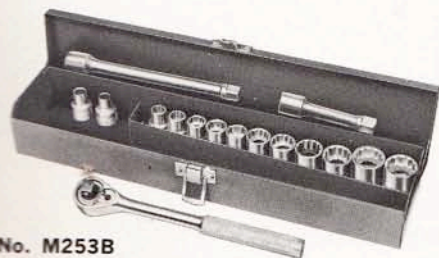


MEB 7

MT 7



SET No. M205R



SET No. M253B

SET No. M253B SOCKET SET Part No. B83953 17 Pieces
Wt.: 3.375 Lbs.

METRIC COMBINATION WRENCHES

Number	Part No.	MM	O.E. Head	Box Head	O.A. Length	Box Type	Weight Lbs.
MEB7	B25807	7MM	4 ³ / ₆₄ "	1 ⁵ / ₃₂ "	4 ⁷ / ₃₂ "	12 Point	.025
MEB8	B25808	8MM	4 ³ / ₆₄ "	1 ⁵ / ₃₂ "	4 ⁷ / ₃₂ "	12 Point	.044
MEB9	B25809	9MM	4 ⁹ / ₆₄ "	9 ¹ / ₁₆ "	4 ¹¹ / ₁₆ "	12 Point	.063
MEB10	B25810	10MM	2 ⁹ / ₃₂ "	4 ¹ / ₆₄ "	5 ³ / ₁₆ "	12 Point	.081
MEB11	B25811	11MM	2 ⁹ / ₃₂ "	4 ¹ / ₆₄ "	5 ³ / ₁₆ "	12 Point	.081
MEB12	B25812	12MM	1 ¹ / ₃₂ "	4 ⁷ / ₆₄ "	5 ¹¹ / ₁₆ "	12 Point	.119
MEB13	B25813	13MM	1 ¹ / ₆₄ "	1 ³ / ₁₆ "	6 ⁷ / ₃₂ "	12 Point	.128
MEB14	B25814	14MM	1 ⁵ / ₃₂ "	1 ³ / ₁₆ "	6 ⁷ / ₃₂ "	12 Point	.181
MEB15	B25815	15MM	1 ⁹ / ₃₂ "	2 ⁹ / ₃₂ "	6 ²⁷ / ₃₂ "	12 Point	.181
MEB16	B25816	16MM	1 ¹ / ₆₄ "	5 ⁹ / ₆₄ "	6 ²⁷ / ₃₂ "	12 Point	.264
MEB17	B25817	17MM	1 ²⁷ / ₆₄ "	1"	7 ¹⁵ / ₃₂ "	12 Point	.338
MEB18	B25818	18MM	1 ³⁵ / ₆₄ "	1 ¹ / ₁₆ "	8 ⁷ / ₈ "	12 Point	.338
MEB19	B25819	19MM	1 ³⁵ / ₆₄ "	1 ¹ / ₁₆ "	8 ⁷ / ₈ "	12 Point	.406
MEB20	B25820	20MM	1 ⁴⁵ / ₆₄ "	1 ⁵ / ₃₂ "	11 ¹⁵ / ₁₆ "	12 Point	.590

METRIC 3/8 INCH SQUARE DRIVE SOCKETS—12 POINT

Number	Part No.	Openings MM	Diameter	O.A. Length	Weight Lbs.
MT7	B32307-08	7MM	1 ⁷ / ₃₂ "	1"	.030
MT8	B32308-08	8MM	1 ⁵ / ₃₂ "	1"	.033
MT9	B32309-08	9MM	1 ¹ / ₂ "	1"	.035
MT10	B32310-08	10MM	9 ¹ / ₁₆ "	1"	.038
MT11	B32311-08	11MM	5 ¹ / ₈ "	1"	.040
MT12	B32312-08	12MM	1 ¹¹ / ₁₆ "	1"	.041
MT13	B32313-08	13MM	1 ¹¹ / ₁₆ "	1"	.042
MT14	B32314-08	14MM	2 ⁹ / ₃₂ "	1"	.044
MT15	B32315-08	15MM	1 ³ / ₁₆ "	1"	.046
MT16	B32316-08	16MM	7 ¹ / ₈ "	1"	.050
MT17	B32317-08	17MM	5 ⁹ / ₆₄ "	1"	.055
MT18	B32318-08	18MM	1"	1 ⁷ / ₃₂ "	.068
MT19	B32319-08	19MM	1"	1 ⁷ / ₃₂ "	.075

SET No. M205R COMBINATION WRENCH SET—7 Pieces

Part No. B83955

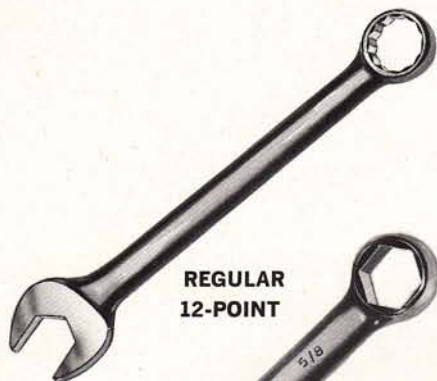
Number	Part No.	Openings MM	Number	Part No.	Openings MM
MEB8	B25808	8	MEB12	B25812	12
MEB9	B25809	9	MEB13	B25813	13
MEB10	B25810	10	MEB14	B25814	14
MEB11	B25811	11	LR80	B87110	Roll 10 ¹ / ₈ " x 13" 7 Pocket

Number	Part No.	Description	Number	Part No.	Description
MT7	B32307-08	7MM Socket 12 Point	MT16	B32316-08	16MM Socket 12 Point
MT8	B32308-08	8MM Socket 12 Point	MT17	B32317-08	17MM Socket 12 Point
MT9	B32309-08	9MM Socket 12 Point	MT18	B32318-08	18MM Socket 12 Point
MT10	B32310-08	10MM Socket 12 Point	MT19	B32319-08	19MM Socket 12 Point
MT11	B32311-08	11MM Socket 12 Point	T603	B41303	5" Extension
MT12	B32312-08	12MM Socket 12 Point	T606	B41306	6" Extension
MT13	B32313-08	13MM Socket 12 Point	T702K	B41330	Reversible Ratchet
MT14	B32314-08	14MM Socket 12 Point	MB37-1	B81037	Metal Box
MT15	B32315-08	15MM Socket 12 Point			12 ⁹ / ₁₆ " x 2 ¹ / ₁₆ " x 1 ³ / ₄ "

REGULAR or LONG HEX-FIT COMBINATION WRENCHES

15° OPEN ENDS, 15° OFFSET BOX ENDS

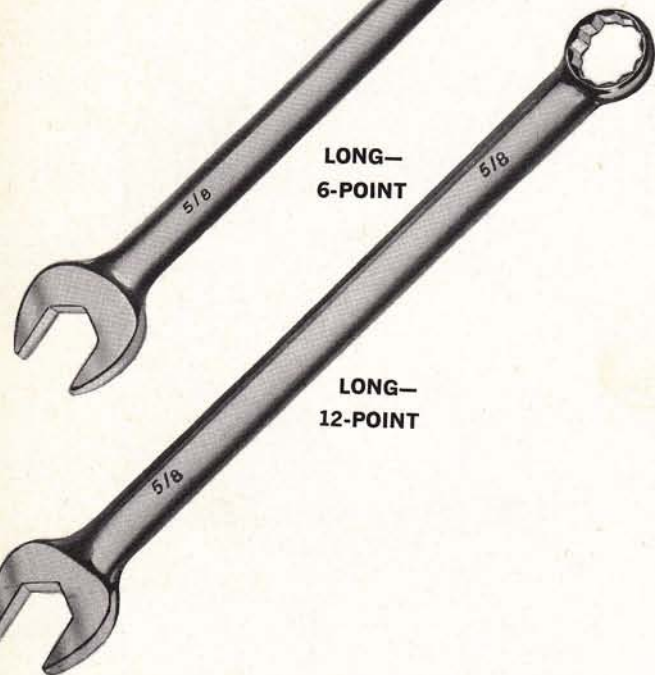
Bonney Hex-Fit Combination Wrench series represents the ultimate in wrench design. Regular or long style designs with 6 or 12 point box opening and the new "Hex-Fit" open end, assures maximum working clearances and precise mating to nuts and bolts. Forged from the finest alloy steels. Accurately machined and broached for rugged service. Nickel chrome plated with polished heads.



REGULAR
12-POINT



REGULAR
6-POINT



LONG—
6-POINT

LONG—
12-POINT

REGULAR SERIES—12 POINT

Number	Part No.	Opening	Head Diameter Box End	Open End	O.A. Length	Weight Lbs.
1159	B25510	5/16"	15/32"	11/16"	47/32"	.044
1159A	B25511	11/32"	32/64"	11/16"	411/16"	.044
1160	B25512	3/8"	39/64"	13/16"	411/16"	.075
1161	B25514	7/16"	43/64"	29/32"	53/16"	.100
1162	B25516	1/2"	3/4"	11/32"	511/16"	.133
1163	B25518	9/16"	27/32"	15/32"	67/32"	.188
1164	B25520	5/8"	15/16"	19/32"	627/32"	.233
1165	B25522	11/16"	1"	113/32"	715/32"	.275
1166	B25524	3/4"	13/32"	117/32"	81/8"	.333
1167	B25728	7/8"	19/32"	113/16"	123/16"	.750
1167A	B25726	13/16"	13/16"	111/16"	115/32"	.600
1168	B25730	15/16"	13/8"	115/16"	131/16"	.875
1170	B25732	1"	115/32"	21/16"	1315/16"	1.200
1171	B25734	11/16"	19/16"	21/8"	1427/32"	1.400
1172	B25736	11/8"	121/32"	25/16"	1523/32"	1.750
1173	B25740	11/4"	127/32"	29/16"	161/2"	2.050
1174	B25742	15/16"	159/64"	2"	18"	2.675
1176	B25746	17/16"	211/64"	33/32"	211/4"	4.175
1178	B25748	11/2"	211/64"	33/32"	211/4"	4.000
1180	B25752	15/8"	25/16"	33/4"	251/2"	3.813

Fed. Spec.: GGG-W-636D Type III

REGULAR SERIES—6 POINT

1158	B25408	1/4"	3/8"	1/2"	33/4"	.025
1158A	B25409	9/32"	13/32"	17/32"	323/32"	.025

Fed. Spec.: GGG-W-636D Type III

LONG SERIES—6 POINT

1112H	B25612	3/8"	19/32"	51/64"	65/8"	.100
1114H	B25614	7/16"	43/64"	15/16"	71/4"	.156
1116H	B25616	1/2"	3/4"	11/16"	725/32"	.188
1118H	B25618	9/16"	27/32"	13/16"	811/32"	.219
1120H	B25620	5/8"	15/16"	15/16"	9"	.281
1122H	B25622	11/16"	1"	17/16"	923/32"	.344
1124H	B25624	3/4"	13/32"	19/16"	1015/32"	.400

Fed. Spec.: GGG-W-636D Type III

LONG SERIES—12 POINT

1112	B25712	3/8"	19/32"	51/64"	65/8"	.100
1114	B25714	7/16"	43/64"	15/16"	71/4"	.156
1116	B25716	1/2"	3/4"	11/16"	725/32"	.188
1118	B25718	9/16"	27/32"	13/16"	811/32"	.219
1120	B25720	5/8"	15/16"	15/16"	9"	.281
1122	B25722	11/16"	1"	17/16"	923/32"	.344
1124	B25724	3/4"	13/32"	19/16"	1015/32"	.400

Fed. Spec.: GGG-W-636D Type III

15° OPEN END, MINIATURE, IGNITION, OBSTRUCTO, SERVICE WRENCHES

Bonney Open End Wrenches are streamlined in every respect to provide the lightest, strongest wrench possible. Forged from the finest alloy steel with all openings accurately machined to close tolerances for solid fit. Each wrench is scientifically hardened and tempered for long, dependable service under constant use. Nickel chrome plated with polished heads.

OPEN END (15° DOUBLE END)

Number	Part No.	Opening	O.A. Length	Head Thkns.	Weight Lbs.
E810	B22103	1/4" x 5/16"	3 1/2"	5/32"	.044
E1012	B22107	5/16" x 3/8"	4 1/2"	3/16"	.056
E1214	B22109	3/8" x 7/16"	5"	7/32"	.100
E1416	B22113	7/16" x 1/2"	5 3/4"	7/32"	.119
E1618	B22117	1/2" x 9/16"	6 3/4"	15/64"	.169
E1820	B22119	9/16" x 5/8"	6 3/4"	17/64"	.213
E2022	B22125	5/8" x 11/16"	7 1/2"	9/32"	.275
E2224	B22127	5/8" x 3/4"	7 3/4"	19/64"	.319
E2426	B22131	3/4" x 13/16"	9"	11/32"	.456
E2628	B22133	3/4" x 7/8"	9"	11/32"	.456
E2830	B22137	7/8" x 15/16"	10 1/4"	3/8"	.725
E3032	B22141	15/16" x 1"	11"	13/32"	.863
E3236	B22145	1" x 1 1/8"	12 1/2"	15/32"	1.263
E3436	B22147	1 1/16" x 1 1/8"	12 5/8"	7/16"	1.019
E4042	B22153	1 1/4" x 1 5/16"	14 3/4"	17/32"	1.644

MINIATURE WRENCHES (15° DOUBLE END)

Number	Part No.	Opening	O.A. Length	Head Thkns.	Weight Lbs.
M10	B22050	3/16" x 7/32"	2 31/64"	7/64"	.013
M12	B22052	1/4" x 9/32"	3"	5/32"	.028
M14	B22054	5/16" x 11/32"	3 23/32"	3/16"	.047
M16	B22056	3/8" x 7/16"	4 3/32"	7/32"	.081
M18	B22058	13/32" x 15/32"	4 3/32"	7/32"	.078

Fed. Spec.: GGG-W-636D Type IV Style 4



MINIATURE IGNITION OBSTRUCTO SERVICE

IGNITION WRENCHES (15° and 60°)

Number	Part No.	Opening	O.A. Length	Head Thkns.	Weight Lbs.
E14	B22014	1 3/64" x 1 5/64"	3"	7/64"	.016
E16	B22016	1 5/64" x 1 3/64"	3"	7/64"	.019
E18	B22018	7/32" x 1/4"	3"	7/64"	.019
E20	B22020	1/4" x 7/32"	3"	7/64"	.016
E22	B22022	9/32" x 5/16"	3 1/2"	1/8"	.028
E24	B22024	5/16" x 9/32"	3 1/2"	1/8"	.028
E26	B22026	11/32" x 3/8"	4"	9/64"	.041
E28	B22028	3/8" x 11/32"	4"	9/64"	.044
E30	B22030	7/16" x 1/2"	4 1/2"	11/64"	.072

Fed. Spec.: GGG-W-636D Type VI Style 1

OBSTRUCTO WRENCHES (45°—90°)

Number	Part No.	Opening	Head Thkns.	O.A. Length	Weight Lbs.
1821	B22221	3/8"	11/64"	5 1/2"	.09
1823	B22223	7/16"	11/64"	5 1/2"	.09
1825	B22225	1/2"	13/64"	6 1/2"	.16
1827	B22227	9/16"	13/64"	6 1/2"	.18
1829	B22229	5/8"	15/64"	7 1/2"	.24
1831	B22231	3/4"	15/64"	7 1/4"	.28

SERVICE WRENCHES (30° ANGLE)

These wrenches have extra thin heads set at a 30° angle from handle for working in very close quarters. Especially useful in a wide range of aircraft applications. Wrenches Nos. 1236, 1240, 1244 and 1252 are used on sporan expansion valves. (see refrigeration section)

Number	Part No.	Opening	Length	Dia. Head	Thkns. Head	Weight Lbs.
1224	B22524	3/4"	6 1/4"	1 11/16"	1/4"	.188
1226	B22526	13/16"	6 1/4"	1 11/16"	1/4"	.250
1228	B22528	7/8"	6 1/4"	1 11/16"	1/4"	.188
1230	B22530	15/16"	6 1/2"	1 7/8"	1/4"	.250
1232	B22532	1"	6 7/8"	1 7/8"	1/4"	.250
1234	B22534	1 1/16"	6 7/8"	1 7/8"	1/4"	.250
*1236	B22536	1 1/8"	7"	2 1/16"	1/4"	.250
*1238	B22538	1 3/16"	7"	2 1/16"	1/4"	.250
*1240	B22540	1 1/4"	7"	2 1/16"	1/4"	.250
1242	B22542	1 5/16"	7 11/16"	2 1/2"	9/32"	.500
*1244	B22544	1 3/8"	7 11/16"	2 1/2"	9/32"	.500
1246	B22546	1 7/16"	7 11/16"	2 1/2"	9/32"	.438
*1248	B22548	1 1/2"	7 11/16"	2 1/2"	9/32"	.438
1250	B22550	1 9/16"	7 11/16"	2 5/8"	9/32"	.500
1252	B22552	1 5/8"	7 11/16"	2 5/8"	9/32"	.500
1256	B22556	1 3/4"	8 3/8"	3 1/8"	5/16"	.688
1258	B22558	1 31/16"	8 3/8"	3 1/8"	5/16"	.750
1260	B22560	1 7/8"	8 3/8"	3 1/8"	5/16"	.750
1262	B22562	1 5/16"	8 3/8"	3 1/8"	5/16"	.750
1264	B22564	2"	8 3/8"	3 1/2"	5/16"	.750
1268	B22568	2 1/8"	8 3/8"	3 1/2"	5/16"	.688
1272	B22572	2 1/4"	8 3/8"	3 1/2"	5/16"	.688
1272S	B22580	2 1/2"	8 3/8"	3 1/2"	5/16"	.625
1276	B22576	2 3/8"	8 3/8"	3 1/2"	5/16"	.713

*Also used on caster adjustment on Ford, Lincoln, Mercury.

Fed. Spec.: GGG-W-636D Type XVII Class 3



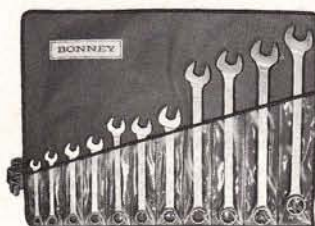
N64R



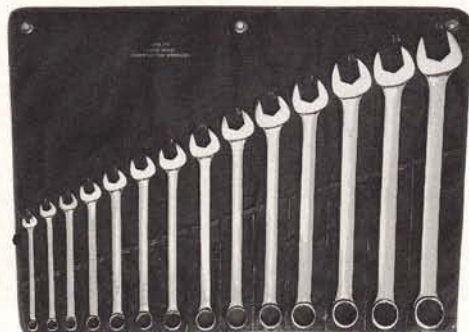
N65R



N69R



N102R



N103R

Set No. N64R (7 piece Extra Long Combination Wrench Set, 12-Point, in Leatherette Roll LR80—.222 Lbs.)

Part No. B82064

Number	Part No.	Opening	Number	Part No.	Opening
1112	B25712	3/8"	1120	B25720	5/8"
1114	B25714	7/16"	1122	B25722	1 1/16"
1116	B25716	1/2"	1124	B25724	3/4"
1118	B25718	9/16"			

Set No. N65R (7 Piece Extra Long Combination Wrench Set, 6-Point in Leatherette Roll LR80—.242 Lbs.)

Part No. B82065

1112H	B25612	3/8"	1120H	B25620	5/8"
1114H	B25614	7/16"	1122H	B25622	1 1/16"
1116H	B25616	1/2"	1124H	B25624	3/4"
1118H	B25618	9/16"			

Set No. N69R (7 Piece Combination Wrench Set, 12-Point, in Leatherette Roll LR85—.250 Lbs.)

Part No. B82069

1160	B25512	3/8"	1164	B25520	5/8"
1161	B25514	7/16"	1165	B25522	1 1/16"
1162	B25516	1/2"	1166	B25524	3/4"
1163	B25518	9/16"			

Set No. N102R (11 Piece Combination Wrench Set, 12-Point, in Leatherette Roll LR102—2.750 Lbs.)

Part No. B82102

1160	B25512	3/8"	1166	B25524	3/4"
1161	B25514	7/16"	1167	B25728	7/8"
1162	B25516	1/2"	1167A	B25726	1 3/16"
1163	B25518	9/16"	1168	B25730	1 5/16"
1164	B25520	5/8"	1170	B25732	1"
1165	B25522	1 1/16"			

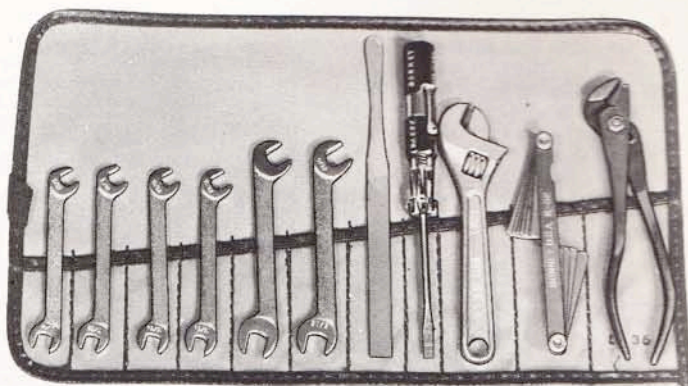
Set No. N103R (14 Piece Combination Wrench Set, 12-Point, in Leatherette Roll LR103—6.000 Lbs.)

Part No. B82103

1160	B25512	3/8"	1167	B25728	7/8"
1161	B25514	7/16"	1167A	B25726	1 3/16"
1162	B25516	1/2"	1168	B25730	1 5/16"
1163	B25518	9/16"	1170	B25732	1"
1164	B25520	5/8"	1171	B25734	1 1/16"
1165	B25522	1 1/16"	1172	B25736	1 1/8"
1166	B25524	3/4"	1173	B25740	1 1/4"



N24R



N11R

Set No. N11R (11 Piece Electrical Ignition Service Set in Leatherette Roll LR36—.625 Lbs.) **Part No. B82011**

Number	Part No.	Description		Number	Part No.	Description
		15° End	60° End			
E14	B22014	13/64"	15/64"	B35	B12235	Ignition Plier
E16	B22016	15/64"	13/64"	BW4	B21041	Adjust. End Wrench, 4"
E18	B22018	7/32"	1/4"	E02	B90182	Neon Screw Driver
E20	B22020	1/4"	7/32"	FIP-1	B91552-1	Point File
E22	B22022	9/32"	5/16"	K52	B91252	Ignition Feeler Gauge
E24	B22024	5/16"	9/32"			

Fed. Spec.: GGG-W-636D Type VI Style 1



N20R

Set No. N20R (5 Piece Miniature 15° Wrench Set in Leatherette Roll LR24—.375 Lbs.) **Part No. B82020**

Number	Part No.	Openings		Number	Part No.	Openings	
H10	B22050	3/16"	& 7/32"	H16	B22056	3/8"	& 7/16"
H12	B22052	1/4"	& 9/32"	H18	B22058	13/32"	& 15/32"
H14	B22054	5/16"	& 11/32"				

Fed. Spec.: GGG-W-636D Type IV Style 4

Set No. N24R (9 Piece Open End Ignition Wrench Set in Leatherette Roll LR28—.500 Lbs.) **Part No. B82024**

Number	Part No.	Description		Number	Part No.	Description	
		15° End	60° End			15° End	60° End
E14	B22014	13/64"	15/64"	E24	B22024	5/16"	9/32"
E16	B22016	15/64"	13/64"	E26	B22026	11/32"	3/8"
E18	B22018	7/32"	1/4"	E28	B22028	3/8"	11/32"
E20	B22020	1/4"	7/32"	E30	B22030	7/16"	1/2"
E22	B22022	9/32"	5/16"				

Fed. Spec.: GGG-W-636D Type VI Style 1

Set No. N45R (6 Piece 15° Open End Wrench Set in Leatherette Roll LR56—2.000 Lbs.) **Part No. B82045**

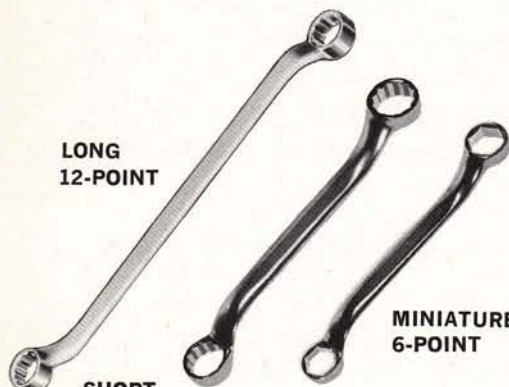
Number	Part No.	Openings		Number	Part No.	Openings	
E810	B22103	1/4"	& 5/16"	E2022	B22125	5/8"	& 11/16"
E1214	B22109	3/8"	& 7/16"	E2426	B22131	3/4"	& 13/16"
E1618	B22117	1/2"	& 9/16"	E2830	B22137	7/8"	& 15/16"



N45R

Bonney Box End Wrenches are drop forged from finest alloy steel, accurately broaches and countersunk. These thin-walled box wrenches are designed for greatest utility clearance and non-tilt pull . . . Skillfully hardened and tempered for long, dependable service and maximum strength. Chrome plated finish with polished heads.

**LONG
12-POINT**



**SHORT
12-POINT**

**MINIATURE
6-POINT**

**MINIATURE
12-POINT**

SHORT 6-POINT

**SHORT
12-POINT**

**LONG
6-POINT**

**LONG
12-POINT**



BOX WRENCH SETS

Set No. N93R

Part No. B82093

12-Point 45° Double Offset Box Wrenches,
5 Pieces, Weight 3.125 Lbs.

No.	Part No.	Openings
2804L	B24103	3/8" x 7/16"
2805L	B24105	1/2" x 9/16"
2807A	B24109	5/8" x 1 1/16"
2808F	B24111	3/4" x 1 3/16"
2809	B24113	7/8" x 1 5/16"
LR97	B87113	Roll

LONG—45° DOUBLE OFFSET—12-POINT

Number	Part No.	Opening Sizes	O.D. Heads	O.A. Length	Wt. Lbs.
2804L	B24103	3/8" x 7/16"	37/64" x 31/32"	7 1/2"	.119
2805L	B24105	1/2" x 9/16"	3/4" x 27/32"	8 3/4"	.206
2806L	B24107	9/16" x 5/8"	21/32" x 59/64"	9 1/4"	.256
2807	B24110	5/8" x 3/4"	29/32" x 1 5/64"	11"	.531
2807A	B24109	5/8" x 1 1/16"	59/64" x 1 1/32"	9 3/4"	.338
2808	B24112	3/4" x 7/8"	1 5/64" x 1 1/4"	13"	.775
2808F	B24111	3/4" x 1 3/16"	1 3/32" x 1 3/16"	12 1/2"	.500
2809	B24113	7/8" x 1 5/16"	1 9/32" x 1 3/8"	13 3/16"	.769
2810	B24114	1 5/16" x 1"	1 11/32" x 1 3/16"	13 1/2"	1.100
2812B	B24204	1 1/16" x 1 1/4"	1 3/8" x 1 55/64"	16 1/2"	2.000
2812D	B24203	1 1/16" x 1 1/8"	1 3/8" x 1 55/64"	16 1/2"	2.055

Fed. Spec.: GGG-W-636D Type I Class 2 Design A Style 1

SHORT—45° DOUBLE OFFSET—12-POINT

2803	B24611	5/16" x 3/8"	15/32" x 9/16"	4 1/2"	.050
2804	B24613	3/8" x 7/16"	37/64" x 5/8"	4 3/4"	.106
2805	B24615	1/2" x 9/16"	23/32" x 1 3/16"	5 1/2"	.163
2805A	B24614	7/16" x 1/2"	21/32" x 47/64"	5 1/8"	.094
2806	B24616	9/16" x 5/8"	57/64" x 63/64"	5 3/4"	.150

Fed. Spec.: GGG-W-636D Type I Class 2 Design A Style 2

MINIATURE—45° DOUBLE OFFSET—6-POINT

E40	B24321	3/16" x 1 3/64"	19/64" x 21/64"	2 7/8"	.025
E42	B24322	7/32" x 15/64"	11/32" x 3/8"	3 1/8"	.025

MINIATURE—45° DOUBLE OFFSET—12-POINT

E40A	B24311	3/16" x 7/32"	11/32" x 25/64"	2 15/16"	.009
E44	B24314	1/4" x 9/32"	13/32" x 29/64"	3 3/8"	.031
E46	B24316	5/16" x 11/32"	1/2" x 9/16"	3 3/4"	.041

Fed. Spec.: GGG-W-636D Type I Class 2 Style B

SHORT—15° SINGLE OFFSET—12-POINT

2885	B24002	5/16" x 3/8"	15/32" x 9/16"	4"	.038
2886	B24003	3/8" x 7/16"	31/64" x 21/32"	4 1/4"	.075
2887	B24004	1/16" x 1/2"	21/32" x 47/64"	5"	.091
2888	B24005	1/2" x 9/16"	3/4" x 21/32"	5"	.106
2889	B24006	9/16" x 5/8"	53/64" x 29/32"	6"	.153

SHORT—15° SINGLE OFFSET—6-POINT

2885H	B24012	5/16" x 3/8"	15/32" x 9/16"	4"	.044
2886H	B24013	3/8" x 7/16"	9/16" x 21/32"	4 1/2"	.056
2887H	B24014	7/16" x 1/2"	21/32" x 47/64"	5"	.097
2888H	B24015	1/2" x 9/16"	47/64" x 53/64"	5 1/2"	.122

LONG—15° SINGLE OFFSET—12 POINT

2890	B24070	3/8" x 7/16"	19/16" x 21/32"	7 5/8"	.125
2892	B24073	5/8" x 1 1/16"	29/32" x 1 5/64"	9 5/8"	.403
2893	B24075	3/4" x 1 3/16"	1 5/64" x 1 1/4"	11"	.569
2894	B24078	7/8" x 1 5/16"	1 1/16" x 1 7/16"	13 3/4"	.913
2894A	B24079	7/8" x 1"	1 1/16" x 1 7/16"	13 3/4"	.881

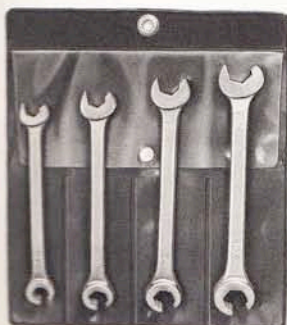
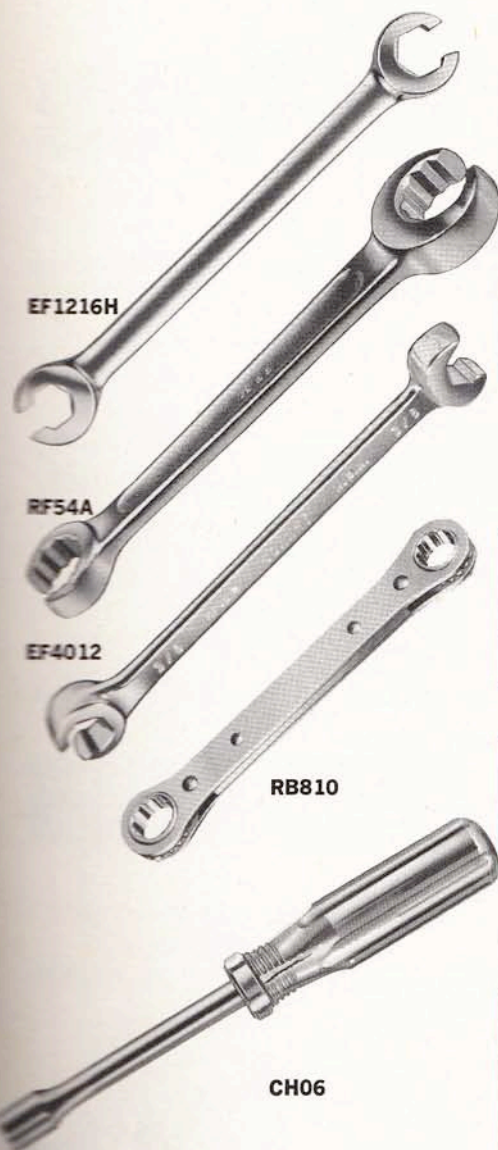
LONG—15° SINGLE OFFSET—6-POINT

2890H	B24080	3/8" x 7/16"	9/16" x 21/32"	7 5/8"	.128
2891H	B24081	1/2" x 9/16"	47/64" x 55/64"	8 5/8"	.303

Fed. Spec.: GGG-W-636D Type I Class 1 Style 1

FLARE NUT WRENCHES

Especially designed with camfered openings and high clearance heads for maximum utility on fuel oil and hydraulic line fittings. Ends are designed to avoid damage to soft metal. Bonney Flare Nut Wrenches are provided from the finest alloy steels, chrome plated finish with polished heads.



6-POINT—Openings at 15° Angle

Number	Part No.	Opening	O.A. Length	Slot	Head Thickness	Weight Lbs.
*EF1214H	B22373	3/8" x 7/16"	5 1/16"	7/32" x 17/64"	5/16" x 11/32"	.106
*EF1618H	B22375	1/2" x 9/16"	6 5/16"	21/64" x 13/32"	3/8" x 3/8"	.150
*EF2022H	B22377	5/8" x 11/16"	7 5/16"	13/32" x 1/2"	7/16" x 1/2"	.268

12-POINT—STRAIGHT

*RF54A	B22353	3/4" x 7/8"	8"	19/32" x 5/8"	15/32" x 5/8"	.488
*RF54	B22354	3/4" x 1"	8"	19/32" x 13/16"	15/32" x 5/8"	.456
*RF55A	B22355	7/8" x 1"	9 1/2"	5/8" x 13/16"	17/32" x 3/4"	.856
*RF55	B22356	7/8" x 1 1/8"	9 1/2"	5/8" x 25/32"	17/32" x 3/4"	.788

COMBINATION—FLARE AND RATCHETING OPEN END—6-POINT—15° SINGLE OFFSET

*EF4012	B22366	3/8"	5 1/4"	13/64"	23/64"	.113
*EF4014	B22367	7/16"	5 1/2"	17/64"	23/64"	.132
*EF4016	B22368	1/2"	6"	21/64"	23/64"	.163
*EF4018	B22369	5/8"	6 3/8"	25/64"	25/64"	.219

RATCHETING BOX WRENCHES

Designed for use on long studs as well as in confined areas. Laminated construction for greater strength. Chrome Finish.

6-POINT

Number	Part No.	Opening	Thickness	O.A. Length	Weight Lbs.
RB810	B24550	1/4" x 5/16"	3/8"	5 1/2"	.22
RB1214	B24554	3/8" x 7/16"	3/8"	5 1/2"	.22
RB1618	B24558	1/2" x 9/16"	1/2"	6 1/2"	.44

12-POINT

RB2022	B24542	5/8" x 11/16"	1/2"	8"	.64
RB2024	B24544	5/8" x 3/4"	1/2"	8"	.65
RB2226	B24546	1 1/16" x 13/16"	1/2"	9 1/4"	.726
RB2428	B24548	3/4" x 7/8"	1/2"	9 1/4"	.75

SPINNER WRENCHES

Bonney Spinner Wrenches incorporate socket ends ranging from 3/16 inch to 1/2 inch openings, and plastic screwdriver handles for tightening and loosening nuts and bolts with great speed.

Number	Part No.	Opening	O.A. Length	Weight Lbs.
CH06	B29306	3/16"	6"	.147
CH08	B29308	1/4"	6"	.131
CH10	B29310	5/16"	6"	.156
CH11	B29311	11/32"	6 1/8"	.169
CH12	B29312	3/8"	6 1/8"	.153
CH14	B29314	7/16"	6 1/8"	.216
CH16	B29316	1/2"	6 1/8"	.213

Fed. Spec.: GGG-W-541D Type I Class 3

*Set No. EF4004

Part No. B82004

COMBINATION FLARE AND RATCHETING OPEN END WRENCH SET—4 Pieces

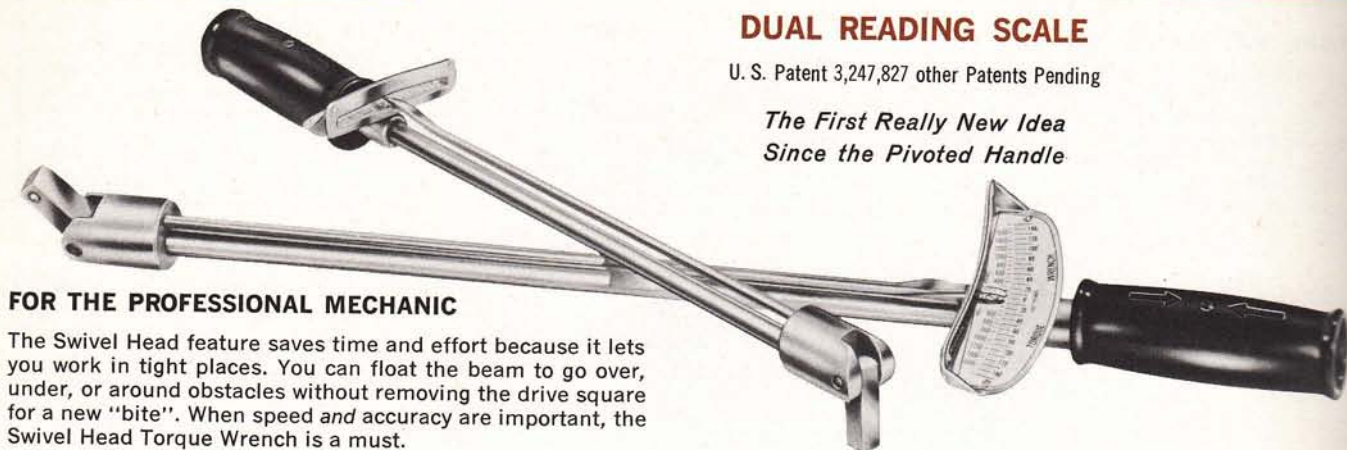
Wt.: .700 Lbs.

Number	Part No.	Opening	Number	Part No.	Opening
EF4012	B22366	3/8"	EF4018	B22369	5/8"
EF4014	B22367	7/16"	EF4004P	B87117	Pouch
EF4016	B22368	1/2"			

DUAL READING SCALE

U. S. Patent 3,247,827 other Patents Pending

*The First Really New Idea
Since the Pivoted Handle*



FOR THE PROFESSIONAL MECHANIC

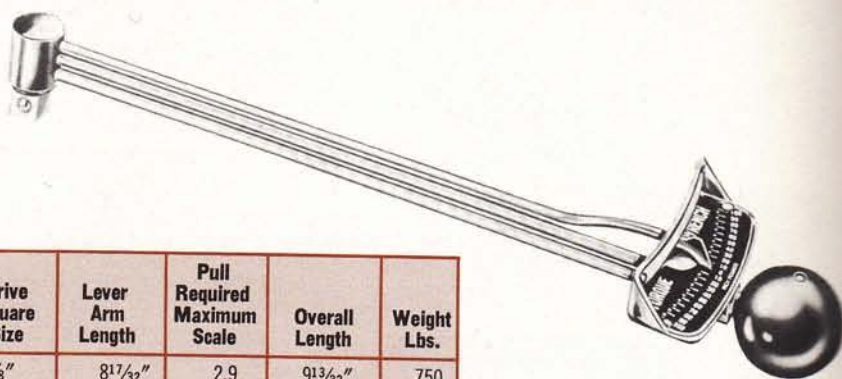
The Swivel Head feature saves time and effort because it lets you work in tight places. You can float the beam to go over, under, or around obstacles without removing the drive square for a new "bite". When speed and accuracy are important, the Swivel Head Torque Wrench is a must.

- Swivel Head keeps you honest—makes it difficult to use the torque wrench incorrectly. If you pull too far off-horizontal when applying torque, the Swivel Head "releases" to warn you of incorrect application.
- Swivel Head lets you run bolts or nuts down with screwdriver-like action.
- Reversible drive square—if you can't torque conveniently one way, flip the head and go in the easy way!
- Dual scale reads in both inch pounds and foot pounds.

Number	Part No.	Torque Capacity	Graduated in Steps of	Drive Square Size	Lever Arm Length	Pull Required Maximum Scale	Overall Length	Weight Lbs.
TDDR50D	B28052-05	0 to 600 Inch Lbs. 0 to 50 Foot Lbs.	25 2.5	3/8"	14 15/16"	45 Lbs.	16 1/16"	1.000
ADDR100D	B28153-05	0 to 100 Foot Lbs. 0 to 1200 Inch Lbs.	5 50	1/2"	18 3/8"	80 Lbs.	20 1/2"	1.500
ADDR150D	B28103-05	0 to 150 Foot Lbs. 0 to 1800 Inch Lbs.	5 50	1/2"	18 3/8"	100 Lbs.	20 1/2"	1.500

SERVICE MODEL—TORQUE WRENCH

World's most popular and widely used torque wrench. Built to take rough use. You don't have to "baby" this torque wrench. Treat it like any other tool and it will still stay accurate. Direct-reading scale indicates exact torque being applied—no guesswork. Guaranteed accurate within $\pm 2\%$.



INCH POUND SCALES

Number	Part No.	Torque Capacity	Graduated in Steps of	Drive Square Size	Lever Arm Length	Pull Required Maximum Scale	Overall Length	Weight Lbs.
TDR25I	B28002-13	0-25 Inch Lbs.	1	3/8"	8 17/32"	2.9	9 13/32"	.750
TDR50I	B28002-03	0-50 Inch Lbs.	2 1/2	3/8"	8 17/32"	5.8	9 13/32"	.750
TDR100I	B28012-03	0-100 Inch Lbs.	5	3/8"	9 9/16"	11.0	10 3/8"	.750
TDR200I	B28022-03	0-200 Inch Lbs.	10	3/8"	10 3/8"	19.9	11 1/4"	.750
TDR300I	B28032-03	0-300 Inch Lbs.	12 1/2	3/8"	12 9/16"	23.8	14 3/8"	.750

DUAL INCH POUND-FOOT POUND SCALES

ADR200D	B28208-03	0-200 Foot Lbs. 0-2400 Inch Lbs.	10 100	1/2"	19 3/4"	124.7	21 3/4"	2.250
RDR300D	B28309-03	0-300 Foot Lbs. 0-3600 Inch Lbs.	10 100	3/4"	30"	120	22 3/4"	7.500

3-Way Action

Professional mechanics agree that most service applications require a direct-reading Torque Wrench. Also, they want one that will tell them instantly when correct pre-set torque has been applied. This torque wrench offers all these advantages: (A) Direct reading scale so you don't have to work "in the dark"—and because you *know* this torque wrench reads accurately, it's your own master calibrator. (B) The fastest known way to make repeat torque applications *accurately* because, (C) you simply set the sensory release to desired torque, and when that torque is reached, you know *instantly* and in 3 ways—you see it, you hear it, and you feel it.

This is a rugged, extra heavy-duty wrench designed for the Professional Mechanic who uses a torque wrench constantly—day in, day out.



FOOT POUND SCALES

Number	Part No.	Torque Capacity Foot Lbs.	Graduated in Steps of	Drive Square Size	Lever Arm Length	Pull Required Maximum Scale	Overall Length	Weight Lbs.
TS25	B28021-02	0-25	1	3/8"	13 1/2"	22.2	16"	2.750
AS50	B28053-02	0-50	2	1/2"	13 1/2"	44.4	16"	2.750
AS100	B28103-02	0-100	5	1/2"	15"	80.0	17 1/2"	2.750
AS150	B28153-02	0-150	5	1/2"	18"	100.0	20 9/16"	3.750
AS200	B28203-02	0-200	5	1/2"	24"	100.0	28 1/8"	7.750
RS300	B28305-02	0-300	10	3/4"	30"	120.0	34 1/4"	10.750
*RS600R	B28605-06	0-600	25	3/4"	60"	120.0	64 1/4"	17

*Ratchet Head Design

RECORDING TORQUE WRENCH

THE ONLY TORQUE WRENCH THAT CAN BE USED REPEATEDLY FOR DESTRUCTIVE TESTING

Use this torque wrench to make precise measurements and record readings... for checking ultimate strength of materials. Ideal inspection tool because it accurately records torque previously applied to bolt or nut. Recording "fingers" move with pointer and remain fixed at maximum torque—even when exposed to shock of destruction tests. May be used accurately with adapters and extensions.

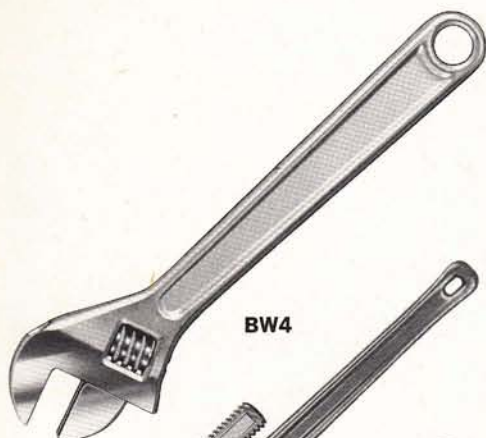


FOOT POUND SCALES

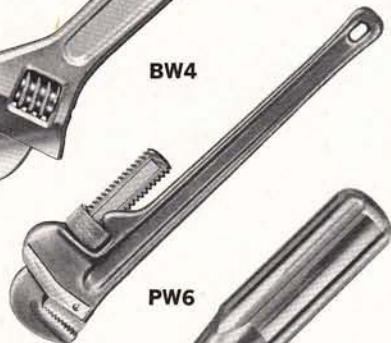
U.S. Patent 3,304,771

Number	Part No.	Torque Capacity Foot Lbs.	Graduated in Steps of	Drive Square Size	Lever Arm Length	Pull Required Maximum Scale	Overall Length	Weight Lbs.
TW25	B28021-04	0-25	1	3/8"	13 1/2"	22.2	16"	2.750
TW50	B28051-04	0-50	2	3/8"	13 1/2"	44.4	16"	2.750
AW100	B28103-04	0-100	5	1/2"	15"	80.0	17 1/2"	2.750
AW150	B28153-04	0-150	5	1/2"	18"	100.0	20 9/16"	3.750

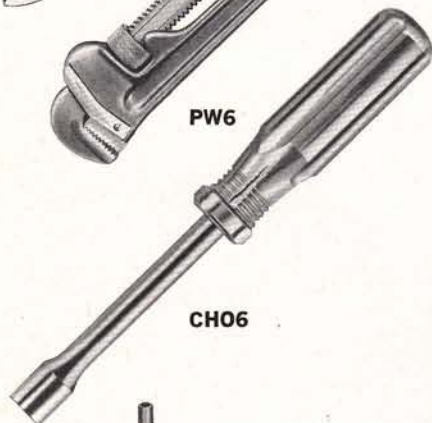
Bonney Open End, Adjustable Wrenches are forged from the finest alloy steel. Thin pattern design meets rigid requirements... jaws are induction hardened for longer wear. Nickel-chrome finish with brightly polished heads.



BW4



PW6



CH06



AW1



LONG



REGULAR

HEX KEY WRENCH SETS

Set No. N6R

Part No. B82006 15 Pieces

Regular sizes .028 (AW) thru 3/8" (AW12)

Wt.: .625 Lbs. Packaged in red leatherette pouch.

This set fits all screws of the new 1960 series.

Socket screws and set screws in sizes No. 0 thru 3/8 inch.

No.	Part No.	Max. Opening	O.A. Length	Dia. Head	Wt. Lbs.
BW4	B21041	.510"	4 1/4"	1 3/16"	.119
BW6	B21061	.760"	6 3/8"	1 3/16"	.281
BW8	B21081	.947"	8 1/8"	2"	.419
BW10	B21101	1.135"	10 1/8"	2 9/16"	.813
BW12	B21121	1.322"	12 1/4"	3"	1.350
BW15	B21151	1.698"	15 1/16"	4 5/32"	1.738
BW18	B21181	2.062"	18 1/2"	4 7/8"	2.356

Fed. Spec.: GGG-W-631D Type I Class 1

PIPE WRENCHES—HEAVY DUTY

No.	Part No.	Max. Pipe Size	O.A. Length	Diameter	Wt. Lbs.
PW6	B21206	3/4"	5 1/2"	1 9/16"	0.5
PW8	B21208	1"	7 3/8"	2 1/8"	1.0
PW10	B21210	1 1/2"	9 3/4"	2 1/2"	2.0
PW12	B21212	2"	11 1/2"	3"	3.0
PW14	B21214	2"	13"	3 1/8"	3.5
PW18	B21218	2 1/2"	16 1/2"	3 5/8"	5.5
PW24	B21224	3"	22 1/4"	4 1/4"	9.7
PW36	B21236	4 1/2"	31"	5"	17.0

Fed. Spec.: GGG-W-631D Type III

SPINNER WRENCHES

Bonney Spinner Wrenches incorporate socket ends ranging from 3/16 inch to 1/2 inch openings, and plastic screwdriver handles for tightening and loosening nuts and bolts with great speed.

Number	Part No.	Opening	O.A. Length	Weight Lbs.
CH06	B29306	3/16"	6"	.147
CH08	B29308	1/4"	6"	.131
CH10	B29310	5/16"	6"	.156
CH11	B29311	11/32"	6 1/8"	.169
CH12	B29312	3/8"	6 1/8"	.153
CH14	B29314	7/16"	6 1/16"	.216
CH16	B29316	1/2"	6 1/8"	.213

Fed. Spec.: GGG-W-641D Type I Class 3

HEX KEY WRENCHES

Precision manufactured for accurate fit on Hex Socket Head Screws—Regular and Long style

HEX KEY WRENCHES (Regular Style)

No.	Part No.	Hex Size	No.	Part No.	Hex Size
AW	B29008	.028	AW4 1/2	B29045	9/64"
AW0	B29010	.035"	AW5	B29050	5/32"
AW1	B29011	.050"	AW6	B29060	3/16"
AW2	B29020	1/16"	AW7	B29070	7/32"
AW2 1/2	B29025	5/64"	AW8	B29080	1/4"
AW3	B29030	3/32"	AW10	B29100	5/16"
AW3 1/2	B29035	7/64"	AW12	B29120	3/8"
AW4	B29040	1/8"			

HEX KEY WRENCHES (Long Style)

No.	Part No.	Hex Size	No.	Part No.	Hex Size
AWL2 1/2	B29025-01	5/64"	AWL6	B29060-01	3/16"
AWL3	B29030-01	3/32"	AWL7	B29070-01	7/32"
AWL4	B29040-01	1/8"	AWL8	B29080-01	1/2"
AWL5	B29050-01	5/32"	AWL10	B29100-01	5/16"

Set No. N7R

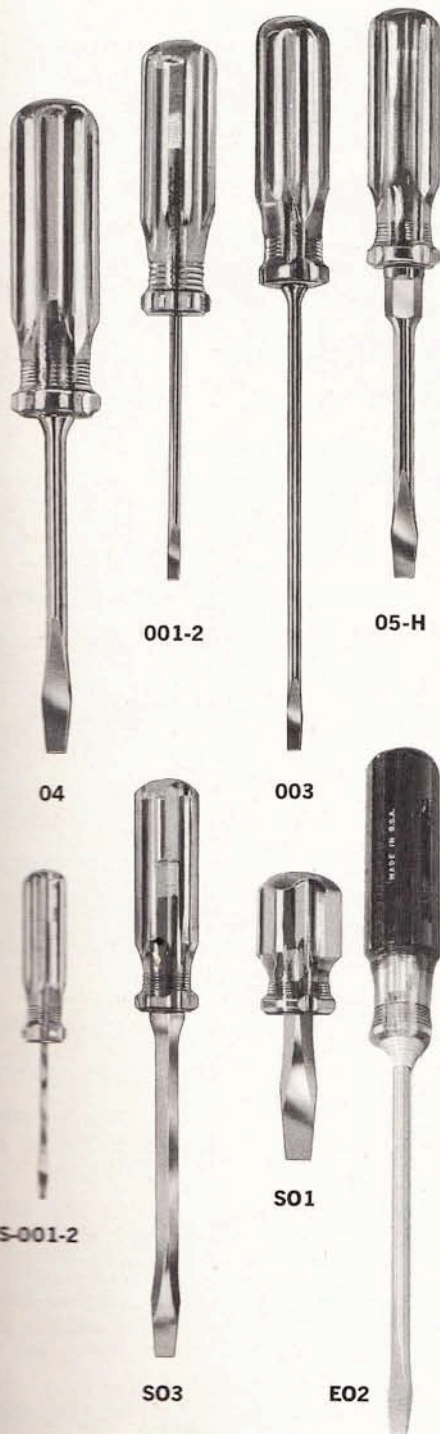
Part No. B82007

8 Pieces

Long, 5/64 (AWL 2 1/2) thru 5/16 (AWL10)

Wt.: .562 Lbs. Packaged in red leatherette pouch.

Bonney Screw Drivers are available in either tough, shock-proof plastic or turned hardwood handles. All handles are over-sized and shaped for comfortable, maximum torque grip. Blades are made from the finest alloy steel, accurately ground and tempered for maximum strength. Polished full length.



STANDARD TIP, PLASTIC HANDLE

Designed with an upset bolster to insure extra tight fit and to prevent forcing blade into handle.

No.	Part No.	Blade Length	Tip Size	Shank Diameter	O.A. Length	Wt. Lbs.
*04	B90004	4"	1/4"	1/4"	8"	.19
*06	B90006	6"	5/16"	5/16"	10"	.32
*08	B90008	8"	3/8"	3/8"	13"	.50
*010	B90010	10"	3/8"	3/8"	15 1/2"	.68
*012	B90012	12"	3/8"	3/8"	17 1/2"	.83

ROUND SHANK, PLASTIC HANDLE CABINET TYPE

*001-2	B90022	2"	1/8"	1/8"	4 3/8"	.03
*001-3	B90023	3"	1/8"	1/8"	6"	.03
*001-5	B90025	5"	1/8"	1/8"	8 3/8"	.04
*001-6	B90026	6"	1/8"	1/8"	9 1/8"	.04

No. 001-2 has pocket clip.

ELECTRICAL-RADIO, CABINET TYPE WITH BOLSTER

*003	B90043	3"	3/16"	3/16"	6 1/8"	.09
*006	B90046	6"	3/16"	3/16"	9 1/2"	.14
*0010	B90050	10"	1/32"	1/32"	13 1/2"	.17

HEAVY-DUTY, WITH HEX BOLSTER FOR WRENCHING

*05-H	B90131	4 7/8"	1/4"		8 3/4"	.33
*06-H	B90132	6"	5/16"		9 1/2"	.34
*07-H	B90133	7"	3/8"		11 1/2"	.48
*09-H	B90134	8 7/8"	3/8"		13 1/2"	.58
*011-H	B90135	11"	7/16"		16"	.82

THIN BLADE, SQUARE SHANK, ELECTRICAL, PLASTIC HANDLE

*S-001-2	B90032	2"	1/8"	1/8"	4 1/4"	.04
*S-001-3	B90033	3"	1/8"	1/8"	5 1/2"	.04
*S-001-6	B90035	6"	1/8"	1/8"	8 3/8"	.06

HEAVY DUTY—STANDARD TIP, SQUARE SHANK—PLASTIC HANDLE STUBBY

*S01	B90062	1 3/4"	5/16"	5/16"	3 3/4"	.12
*S02	B90061	1"	7/32"	7/32"	3"	.05

REGULAR LENGTH

*S03	B90073	3"	7/32"	1/4"	6 1/4"	.12
*S04	B90074	4"	5/16"	7/32"	7 3/4"	.21
*S05	B90075	5"	3/16"	5/16"	9"	.30
*S06	B90076	6"	5/16"	5/16"	10"	.38
*S08	B90078	8"	3/8"	3/8"	13"	.57
*S010	B90080	10"	3/8"	3/8"	15 1/2"	.67
*S012	B90082	12"	3/8"	3/8"	17 1/2"	.80

SPARK TEST

For testing plugs and high frequency circuits. Shockproof plastic handle has neon tube—indicates by brightness of flash condition of circuit in plugs.

*E02	B90182	2 1/4"	1/8"	3/32"	5 1/4"	.06
*E03	B90184	3 3/8"	3/16"	3/32"	6 3/8"	.11

E03B Part No. B90184-01 Neon tube replacement

Note: E02 has pocket clip.

STANDARD TIP—WOOD HANDLE

No.	Part No.	Blade Length	Bit Size	Shank Diameter	O.A. Length	Wt. Lbs.
*W03	B90093	3"	1/4"	7/32"	7 1/2"	.15
*W04	B90094	4"	1/4"	1/4"	9"	.19
*W06	B90096	6"	9/32"	5/16"	12"	.33
*W08	B90098	8"	3/8"	3/8"	14"	.53
*W010	B90099	10"	3/8"	3/8"	16"	.59

PHILLIPS BIT—WOOD HANDLE STUBBY

*SP-1	B90171	1"	#1	3/16"	3"	.05
*SP-2	B90172	1 1/2"	#2	1/4"	3 1/2"	.09

REGULAR

*WP-1	B90161	3"	#1	3/16"	7"	.08
*WP-2	B90162	4"	#2	1/4"	9"	.14
*WP-3	B90163	6"	#3	5/16"	12"	.29
*WP-4	B90164	8"	#4	3/8"	14"	.52

PHILLIPS BIT—PLASTIC HANDLE STUBBY

*CP-11	B90151	1"	#1	3/16"	3"	.06
*CP-12	B90152	1 1/2"	#2	1/4"	3 1/2"	.08

REGULAR

*CP-1	B90141	3"	#1	3/16"	6 1/4"	.08
*CP-2	B90142	4"	#2	1/4"	7 3/4"	.13
*CP-3	B90143	6"	#3	5/16"	10 1/4"	.38
*CP-4	B90144	8"	#4	3/8"	12 1/2"	.50

CLUTCH HEAD, BUTTERFLY STYLE (TYPE G) PLASTIC HANDLE STUBBY

No.	Part No.	Blade Length	Bit Size	Shank Diameter	O.A. Lgth.	Wt. Lbs.
*CL-13	B90121	1 3/4"	5/32"	1/4"	3 3/4"	.13
*CL-15	B90122	1 3/4"	1/4"	1/4"	3 3/4"	.13

REGULAR

*CL-3	B90123	4"	5/32"	1/4"	7 1/8"	.16
*CL-5	B90125	6"	1/4"	5/16"	10 1/4"	.31
*CL-6	B90126	6"	9/32"	5/16"	10 1/2"	.31
*CL-7	B90127	6"	5/16"	3/8"	11"	.45

OFFSET SCREWDRIVERS

For close quarter work, these offset screwdrivers are excellent where obstructions prevent use of standard screwdrivers.

No.	Part No.	Tip Width	O.A. Length	Wt. Lbs.
*0669	B90185	1/4"	4"	.06
*0670	B90186	5/16"	5"	.13
*0671	B90187	3/8"	6"	.25

SCREW STARTERS

These tools provide a positive gripping for starting screws in hard to get at places. The starters for slothead screws feature a spring locking blade, while those for the Phillips type have a magnet head which holds the screw in place.

SCREW STARTERS FOR SLOTHHEAD SCREWS

No.	Part No.	Screw Type	O.A. Length	Type Handle	Wt. Lbs.
*SS25	B91851	Slot	2 1/2"	Aluminum	.02
*SS27	B91852	Slot	5"	Aluminum	.04
*SS29	B91854	Slot	9"	Aluminum	.06
*SS31	B91857	Slot	15"	Aluminum	.109
*SSN6	B91863	Slot	6"	Nylon	.03
*SSN9	B91864	Slot	9"	Nylon	.05

SCREW STARTERS FOR PHILLIPS HEAD SCREWS

*SS3	B91858	Phillips	3 1/4"	Aluminum	.03
*SS6	B91859	Phillips	6 1/4"	Aluminum	.06

SCREWDRIVER SETS

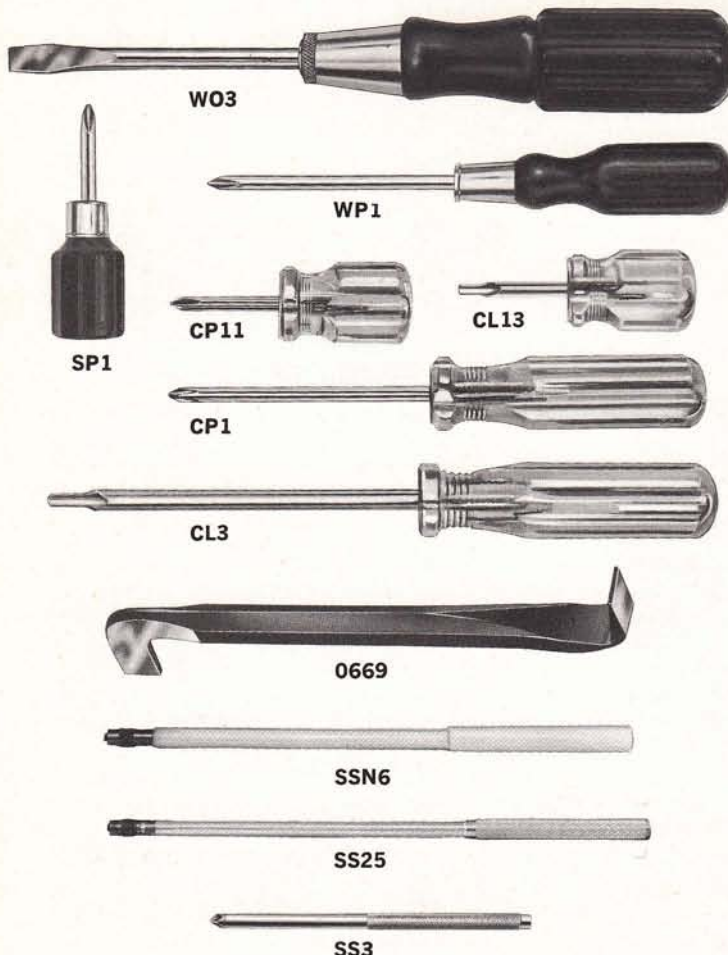
Set No. 0672 Offset **Part No. B84302**
(3 Pieces Packed in Cardboard Container—.470 lbs.) Consisting of Offsets No. 0669, 0670, 0671.

Set No. CL Clutch Head **Part No. B84203**
(5 Pieces Packed in Cardboard Container—1.500 lbs.) Consisting of Clutch Heads No. CL 3, CL 5, CL 7, CL 13, CL 15.

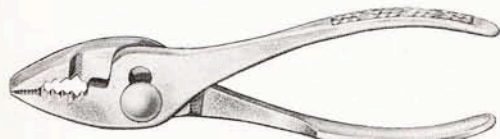
Set No. CP Phillips Plastic Handle **Part No. B84204**
(4 Pieces Packed in Cardboard Container—1.250 lbs.) Consisting of Phillips No. CP1, CP2, CP3, CP4.

Set No. W05 Standard Tip Wood Handle **Part No. B84209**
(5 Pieces Packed in Cardboard Container—2.250 lbs.) Consisting of Standard Wood Handle Screwdrivers No. W03, W04, W06, W08, W010.

Set No. WP Phillips Wood Handle **Part No. B84210**
(4 Pieces Packaged in Cardboard Container—1.750 lbs.) Consisting of Phillips Wood Handle No. WP1, WP2, WP3, WP4.



Made to the most exacting standards by craftsmen of long experience, the Bonney plier line provides a dependable tool for every job. Finest alloy steel accurately forged, milled and hand-honed cutting edges, give the owner of Bonney pliers a tool that grips & cuts better and lasts longer skillfully hardened and tempered.



B6, 8, 10



B13



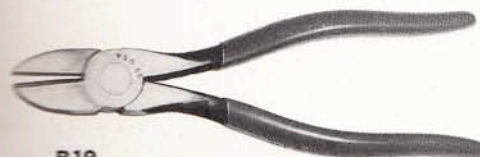
B14



B16, 17



B18



B19



B20

B6 COMBINATION PLIERS

Two position slip joint, milled-grooved jaws. Wire cutter. All satin plate finish.

Number	Part No.	O.A. Length	Weight (Lbs.)
B6	B11126	6"	.43
B8	B11128	8"	.646
B10	B11120	10"	1.063

Fed. Spec.: GGG-P-00471D Type II Class 2 Style A

B13 FLAT NOSE PLIER

Flat smooth jaws. Inside Length: 1-3/32 Inches.

Width at point: 5/32 Inch.

O.A. Length 4-1/2 Inches.

Wt.: .109 Lbs. Cushion handles standard.

Part No. B16321-10

B14 CHAIN NOSE PLIER

Slender, smooth jaws.

Inside Lgth.: 1-3/32 Inches. Tapering to 1/32 Inch point.

O.A. Lgth.: 4-1/2 Inches.

Wt.: .203 Lbs. Cushion handle standard.

Part No. B16115-10

B16 DIAGONAL CUTTING PLIERS

Forged from fine grain tool steel. Individually matched jaws carefully hardened and tempered for cutting accuracy. Cushion Handles standard.

Number	Part No.	O.A. Length	Weight (Lbs.)
B16	B13115-10	5"	.250
B17	B13116-10	6"	.396

Fed. Spec.: GGG-P-00471D Type IV Class 1 Style B

B18 HEAVY-DUTY DIAGONAL CUTTING PLIER

Heavy-duty construction with close jointed cutters for added leverage. Cushion handles standard. Wt.: .500 Lbs.

Part No. B13447-10

B19 HEAVY DUTY DIAGONAL CUTTING PLIERS

Forged from fine grain tool steel.

Lgth. of jaw: 13/16. O.A. Lgth.: 7 inches.

Wt.: .500 Lbs. Cushion handles standard.

Part No. B13137-10

B20 ANGLE NOSE BATTERY PLIER

Thin tapered nose offset at 30° angle for easy accessibility. Deep milled teeth provide non-slip grip. Full polished heads. Cushion handles standard. Lgth.: 8 Inches. Maximum jaw opening 1-1/4 Inches. Wt.: .437 Lbs.

Part No. B18217-10

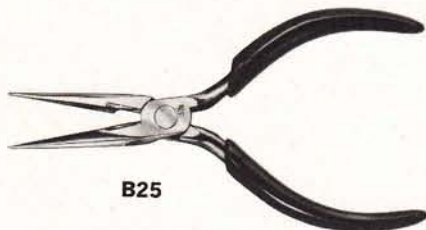
Fed. Spec.: GGG-P-00471D Type I



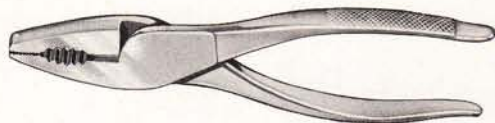
B21



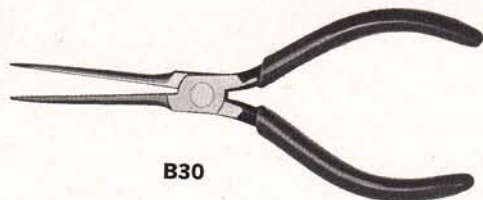
B22, 23



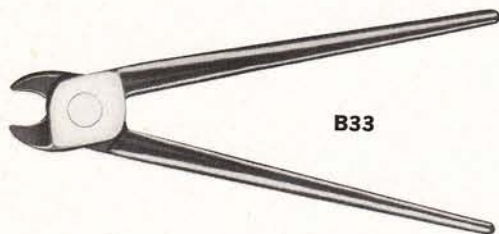
B25



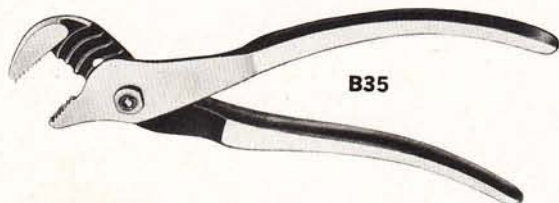
B29



B30



B33



B35

B21 HORSESHOE LOCK RING PLIER

Designed to spread horseshoe lock washers on brakes, transmissions, etc. Right angle offset nose has deeply serrated teeth for positive grip. Polished head. Deep grooved gun metal handle.

Tip Width: 5/16 Inch. Lgth.: 7-3/4 Inches.

Wt.: .414 Lbs.

Part No. B18117

B22 LINEMAN'S PLIERS WITH SIDE CUTTERS

Drop forged, fine ground tool steel and hand honed cutting edges. Polished heads. Cushion handles standard.

Number	Part No.	O.A. Length	Weight (Lbs.)
B22	B14616-10	6"	.500
B23	B14618-10	8"	.813

Fed. Spec.: GGG-P-00471D Type IX Class 1

B25 LONG NEEDLE NOSE WITH SIDE CUTTERS

Long milled jaws. Inside Lgth.: 1-13/16 Inches tapering to 1/16 Inch needle nose at point. Full polished head. Cushion handle standard.

Lgth.: 6 Inches.

Wt.: .250 Lbs.

Part No. B14216-10

Fed. Spec.: GGG-P-00471D Type XI Class 1 Style A & B

B29 MECHANIC'S COMBINATION WITH SIDE CUTTER

Deep milled teeth with keen edged side cutters. Two position slip joint. Bright polished nickel plate with deep grooved handles.

Lgth.: 6-1/2 Inches.

Wt.: .578 Lbs.

Part No. B12487

Fed. Spec.: GGG-P-00471D Type II Class 2 Style B

B30 LONG NOSE PLIER

Has long, thin, flat jaws to reach into tight quarters. Cushion handles standard. Jaws 2-3/16 Inches inside.

Lgth.: 6-1/2 Inches.

Wt.: .265 Lbs.

Part No. B16337-10

B33 HOG RING PLIER

Popular for seat cover installation.

Lgth.: 7 Inches.

Wt.: .409 Lbs.

Part No. B18527

Fed. Spec.: GGG-P-480A Type IV Class 1

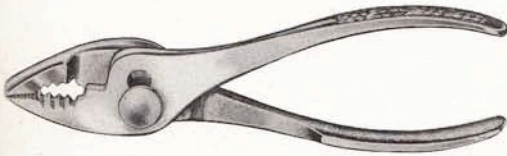
B35 RIB JOINT IGNITION PLIER

Three position forged groove plier. Small, compact with strong, powerful holding ability. Blued finish with polished head.

Lgth.: 5 Inches.

Wt.: .140 Lbs.

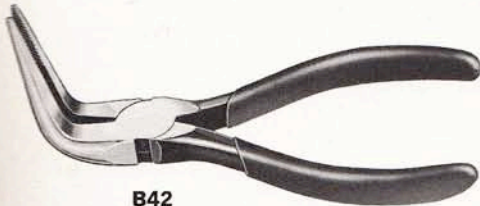
Part No. B12235



B36, 38, 310



B41



B42



B43



B44, 45, 48



B46



B47

B36 COMBINATION PLIERS

Mill grooved jaws. Two position slip joint with wire cutter. Knurled handle grip. Bright chrome plated finish.

Number	Part No.	O.A. Length	Weight (Lbs.)
B36	B11136	6"	.417
B38	B11138	8"	.646
B310	B11130	10"	1.063

B41 BENT THIN NOSE COMBINATION SLIP JOINT

Two position adjustment with deep milled teeth. Full nickel chrome finish—bright polish full length.

Lgth.: 6-1/2 Inches.

Wt.: .437 Lbs.

Part No. B11176

Fed. Spec.: GGG-P-00471D Type II Class 3 Style A & B

B42 CURVED NEEDLE NOSE

Slender milled jaws tapering to 1/16 inch at points. Curved to reach around obstructions. Full polished jaws—cushion handles standard. Nose offset: 1-1/4 Inches.

Lgth.: 5-1/2 Inches.

Wt.: .281 Lbs.

Part No. B16536-10

Fed. Spec.: GGG-P-00471D Type XII Class 1

B43 CORBIN HOSE CLAMP PLIER

Chrome plated. Nose polished.

Lgth.: 8 inches.

Wt.: .546 Lbs.

Part No. B12818

Fed. Spec.: GGG-P-480A Type VI Class 2

B44 RIB JOINT PLIERS

Forged multiple rib grooves provide safe non-slip gripping power. Deep milled teeth. Full polished heads with cushion handles standard.

Number	Part No.	O.A. Length	Weight (Lbs.)
B44	B12236-10	6 1/2"	.429
B45	B12230-10	10"	.906
B48	B12234	14"	2.000

B46 SHORT JAW CHAIN NOSE PLIER

Short pointed nose with long handles for maximum gripping and holding power. Milled jaws. Inside Lgth.: 1-1/2 Inches tapering to 1/16 inch at point. Polished heads with cushion handles standard.

Lgth.: 8 Inches.

Wt.: .375 Lbs.

Part No. B16438-10

Fed. Spec.: GGG-P-00471D Type XI Class 2 Style B

B47 SHORT JAW DUCK BILL PLIER

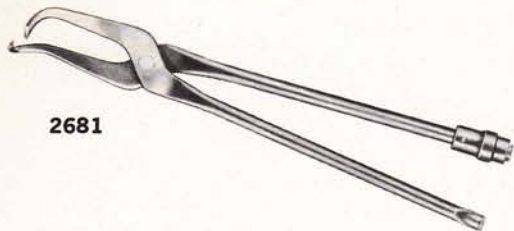
Short flat milled jaws, 1-1/2 inches, with long handles for greater leverage. Polished heads and cushion handles standard.

Lgth.: 8 Inches

Wt.: .414 Lbs.

Part No. B16388-10

Fed. Spec.: GGG-P-00471D Type V Class 1



2681



27340



B50, 51, 52



B56



B75



B100, 102

2681 BRAKE SPRING PLIER

This plier has a prominent hook in the lower jaw which allows better control when removing brake springs. Replacement socket (2681A) is available.

Lgth.: 12-1/2 Inches

Wt.: .725 Lbs.

Part No. B18233

Fed. Spec.: GGG-P-480A Type V Class 1 & 2

27340 PARALLEL JAW PLIER

The unique design of these pliers enables the jaws to remain parallel when removing snap rings.

Wt.: .562 Lbs.

Part No. B18330

B50, 51, 52 METAL CUTTING SHEARS

Aviation type with compound action to provide additional power. Blades have serrated edges for easier cutting. Cushion handles standard.

Number	Part No.	Cut	Weight (Lbs.)
B50	B15350	Right	.830
B51	B15360	Left	.800
B52	B15370	Straight or Universal	.800

B75 WIRE HOSE CLAMP PLIER

Swivel jaw (tips) grooved to fit any size wire hose clamp. Finger tip positioner locks in three positions to keep wire clamps spread open, thus freeing both hands. High polish chrome plated.

Lgth.: 7-3/4 Inches.

Wt.: .406 Lbs.

Part No. B18818

Fed. Spec.: GGG-P-480A Type VI Class 1

B56 STRAIGHT THIN NOSE COMBINATION

Deep milled, thin, narrow jaws with wire cutters. Deep knurled handles. Full polished chrome plate finish.

Lgth.: 6-1/2 Inches.

Wt.: .453 Lbs.

Part No. B11146

B100, 102 PLIER WRENCHES

Indispensable as a do-all wrench. Compound leverage jaws lock and securely hold all shapes. Will not slip, yet releases easily with a flick of the quick release lever.

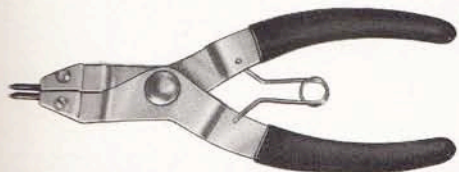
Number	Part No.	O.A. Length	Weight (Lbs.)
B100	B18857	7"	.781
B102	B18850	10"	1.164

Fed. Spec.: GGG-P-00471D Class 1 & 3 Style A

B63



B64



B65



B65R



B74

B63 INTERNAL SNAP RING PLIER

SEE INTERCHANGEABLE TIP SET NO. B65R

Part No. B84001-01

B64 EXTERNAL SNAP RING PLIER

SEE INTERCHANGEABLE TIP SET NO. B65R

Part No. B84001-02

B65 RETAINING RING PLIERS SET

In clear plastic box. Consists of one each B63 Internal Plier and B-64 External Plier and interchangeable Tip Set No. B65R.

Part No. B84001

B65R SNAP RING PLIER INTERCHANGEABLE TIP SET

Tip Set contains the following in a plastic Box;

- 2 Prs. of 90° .035 Dia. Tips
- 2 Prs. of 45° .045 Dia. Tips
- 2 Prs. of Straight .045 Dia. Tips
- 2 Prs. of Straight .060 Dia. Tips

Part No. B84001-03

B74 SPARK PLUG TERMINAL PLIERS

Designed for pulling terminal while engine is running. Insulated at both jaw and handle for safety and comfort.

Wt.: .31 Lbs.

Part No. B18256

Expertly forged and heat treated for uniform hardness

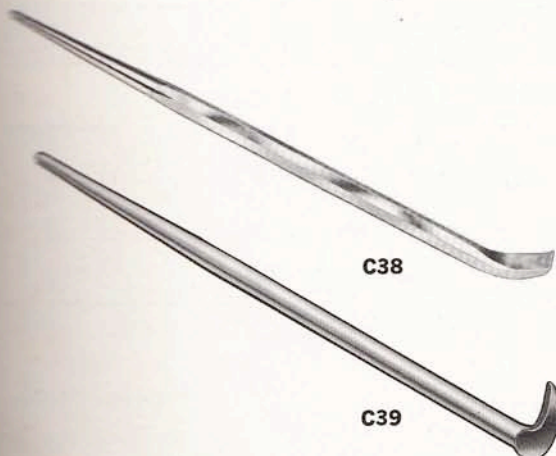
JIMMY PRY BARS

Number	Part No.	Point Dia.	Width Edge	Stock Dia.	Length	Weight Lbs.
C38	B90600-01	5/32"	7/8"	5/8"	16"	1.16
C38-8	B90601	1/4"	1 1/8"	3/4"	20"	2.15

ROLLING HEAD PINCH BAR

Specially designed for close quarter work with tapered end for aligning work. Finished in nickel chrome plate—head and end polished.

Number	Part No.	Cut	Stock Dia.	O.A. Length	Weight Lbs.
C39	B90604	—	9/16"	15"	.98



C38

C39

Bonney punches and chisels are forged from the finest alloy tool steel bars carefully heat treated. Differential tempering produces a softer striking end, and working tip, tough and hard. Nickel-chrome plated finish.

PIN PUNCHES—SHORT AND REGULAR LENGTH

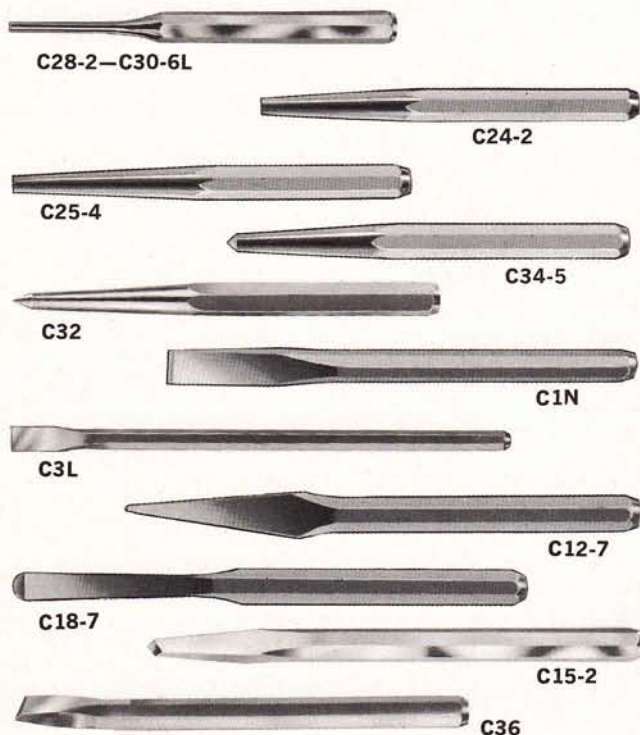
No.	Part No.	Point Diameter	Point Length	Stock Size	O.A. Length	Wt. Lbs.
*C28-2	B90402	1/16"	5/8"	5/16"	4"	.08
*C28-3	B90404	3/32"	1 1/16"	5/16"	4"	.08
*C28-4	B90406	1/8"	3/4"	5/16"	4"	.07
*C28-5	B90408	5/32"	1"	5/16"	4"	.08
*C28-6	B90410	3/16"	1"	5/16"	4"	.09
*C28-7	B90422	3/32"	1 1/2"	5/16"	6"	.10
*C28	B90424	1/8"	1 1/2"	5/16"	6"	.10
*C29-5	B90426	5/32"	1 1/2"	5/16"	6"	.11
*C29	B90428	3/16"	2"	3/8"	6 1/2"	.16
*C29-7	B90430	1/32"	2 1/2"	3/8"	7"	.16
*C30	B90432	1/4"	2 3/4"	3/8"	7"	.17
*C30-10	B90434	5/16"	3"	1/2"	7 1/2"	.31

LONG PIN PUNCHES

*C30-6L	B90444	3/16"	3"	1/2"	9"	.48
*C30-8L	B90446	1/4"	3"	1/2"	9"	.48
*C30-10L	B90448	5/16"	3"	1/2"	9"	.50
*C30-12L	B90450	3/8"	3"	1/2"	9"	.50

SOLID TAPER PUNCHES

C24-2	B90462	1/16"	2"	5/16"	4 1/2"	.07
C24N	B90464	3/16"	2"	3/8"	5"	.14
C24-8	B90466	1/4"	2 1/4"	1/2"	6"	.30
C24-10	B90468	5/16"	3 1/2"	5/8"	7"	.50



LONG TAPERED PUNCHES

No.	Part No.	Point Diameter	Point Length	Stock Size	O.A. Length	Wt. Lbs.
*C25-4	B90482	1/8"	3 1/2"	3/8"	8"	.20
*C25	B90484	5/32"	4"	1/2"	8"	.25
*C26	B90486	3/16"	4"	1/2"	9"	.30
*C27N	B90488	1/4"	4"	5/8"	11"	.35

CENTER PUNCHES

C34-5	B90574	1/8"	—	5/16"	4"	.08
C34	B90575	7/32"	—	3/8"	4 1/2"	.12
C34-8	B90576	—	—	1/2"	6"	.32

PRICK PUNCHES

C32	B90570	—	—	3/8"	5"	.25
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COLD CHISELS OR FLAT CHISELS

No.	Part No.	Edge Width	Stock Size	O.A. Length	Wt. Lbs.
C1N	B90312	1/4"	1/4"	4 3/4"	.08
C1	B90314	5/16"	5/16"	5"	.10
C2N	B90316	3/8"	5/16"	5"	.11
C2A	B90318	1/2"	3/8"	6"	.18
C3	B90320	5/8"	1/2"	6"	.88
C4	B90322	3/4"	5/8"	7"	.55
C5	B90324	7/8"	3/4"	7 1/2"	.88
C6	B90326	1"	7/8"	8"	1.22

EXTRA LONG COLD (FLAT) CHISELS

C3L	B90332	5/8"	1/2"	12"	.88
C4L	B90334	3/4"	5/8"	12"	1.25
C6L	B90336	1"	7/8"	12"	2.25

CAPE CHISELS

*C12-7	B90302	7/32"	5/16"	5"	.09
*C12	B90304	1/4"	3/8"	5"	.12
*C12-10	B90306	5/16"	3/8"	5 3/4"	.15
*C13	B90308	3/8"	1/2"	6"	.26

GOUGES

C18-7	B90352	7/32"	5/16"	5"	.09
C18-8	B90354	1/4"	3/8"	6"	.16

DIAMOND POINT

C15-2	B90342	5/64"	5/16"	5"	.09
C15-4	B90344	1/8"	3/8"	6"	.17
C15	B90346	1/4"	3/8"	6"	.30
C16N	B90348	3/8"	5/8"	6"	.66

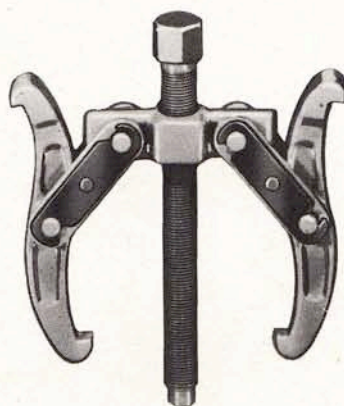
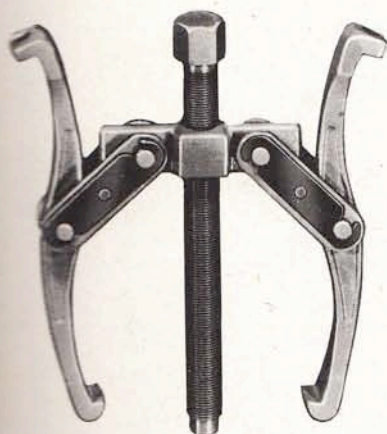
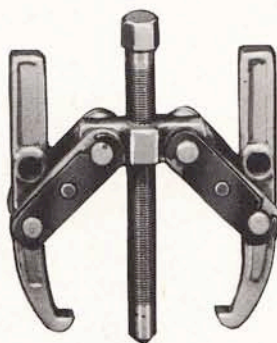
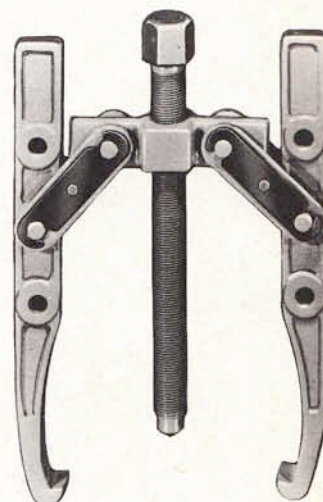
RIVET BUSTER

C36	B90607	3/4"	5/8"	9"	.90
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No. C45R CHISEL SETS

Part No. B84201

(5 pieces packed in leatherette roll LR-70) Consisting of chisels No. C2N, C3, C4, C5, C6. Wt.: 3.188 Lbs.


P-830

P-831

P-832

P-833

The "Quick-Lock" Link is the simplest, easiest puller link yet devised. These Bonney Pullers are designed with grooved push pins that slip into the link assembly and lock in position by a single spring steel retainer plate that is pivoted to one link side-member. Jaws are adjusted or reversed in seconds . . . no nuts, bolts, or tools necessary . . . buttress threads for longer wear. Jaws are drop-forged, heat treated with a chrome plate finish. All parts are interchangeable, see list below and listing in price sheet.

2 JAW

Puller Number	Part Number	Type	Spread	Reach	Yoke No.	Jaw Description	Wt. Lbs.
*P832	B91332	2 Jaw	4"	3½"	P832-1	Straight, 2 Pos. Adjustable	.88
P830	B91330	2 Jaw	6"	3½"	P830-1	Reversible, 1 wide, 1 narrow	1.88
P831	B91331	2 Jaw	8"	5½"	P831-1	Reversible, 1 plain, 1 slotted	3.69
P833	B91333	2 Jaw	10"	9"	P833-1	Straight, 3 Pos. Adjustable	4.44

*Does not have buttress threads.

**No. P011 CONVERTIBLE
THREE JAW PULLER**

Designed for quick changeover to a two or three jaw puller. The reversible jaws have a maximum reach of 3-7/8 inches in depth and up to 5-1/2 inches spread. Bright nickel chrome plate.
Wt.: 2.562 Lbs.

Part No. B91311

No. P011-5 REPLACEMENT JAWS
Part No. B91311-05**No. P011L CONVERTIBLE
THREE JAW PULLER**

The same as Puller P011 except jaws have a maximum reach of 5-1/2 inches and a spread up to 8 inches.
Wt.: 3.250 Lbs.

Part No. B91310

No. P011L-5 REPLACEMENT JAWS
Part No. B91310-05**No. P012 CONVERTIBLE
THREE JAW PULLER (HEAVY DUTY)**

Heavy duty construction, designed to meet most of the demands of the automotive service shop. Slotted reversible jaws have a maximum reach of 5-1/2 inches and will spread to 8 inches. Nickel chrome.

Wt.: 6.000 Lbs.

Part No. B91312

No. P012-5 REPLACEMENT JAWS
Part No. B91312-05**No. P012L HEAVY DUTY THREE
JAW CONVERTIBLE PULLER (LONG JAWS)**

The same as P012 except jaws have a maximum reach of 8-1/2 inches depth and spread to 10 inches.

Wt.: 7.000 Lbs.

Part No. B91313

No. P012L-5 REPLACEMENT JAWS
Part No. B91313-05**P329 PITMAN ARM PULLER** Part No. B91309

Designed to remove the pitman arms from the majority of cars and light trucks, including Volkswagen. The forged alloy yoke and heavy-duty forcing screw for the most severe requirements. Wt.: 1.25 Lbs.

P320 PITMAN ARM PULLER FOR COMPACT CARS
Part No. B91396**P305 TWO ARM GEAR PULLER** Part No. B91305

Especially useful in refrigeration applications and in automotive and aircraft service. Maximum reach 2-3/8 inches, spread 3-1/2 inches.

Wt.: 1.625 Lbs.

**P335 BATTERY TERMINAL PULLER
GENERATOR BEARING PULLER** Part No. B91329

Designed to remove the tightest terminals without damage to the battery case or post. The swivel is designed so that it can be used also as a generator bearing and magneto gear puller. Range 5/8" to 1-3/8"

Wt.: .563 Lbs.

P861 TIMING GEAR PULLER Part No. B91361

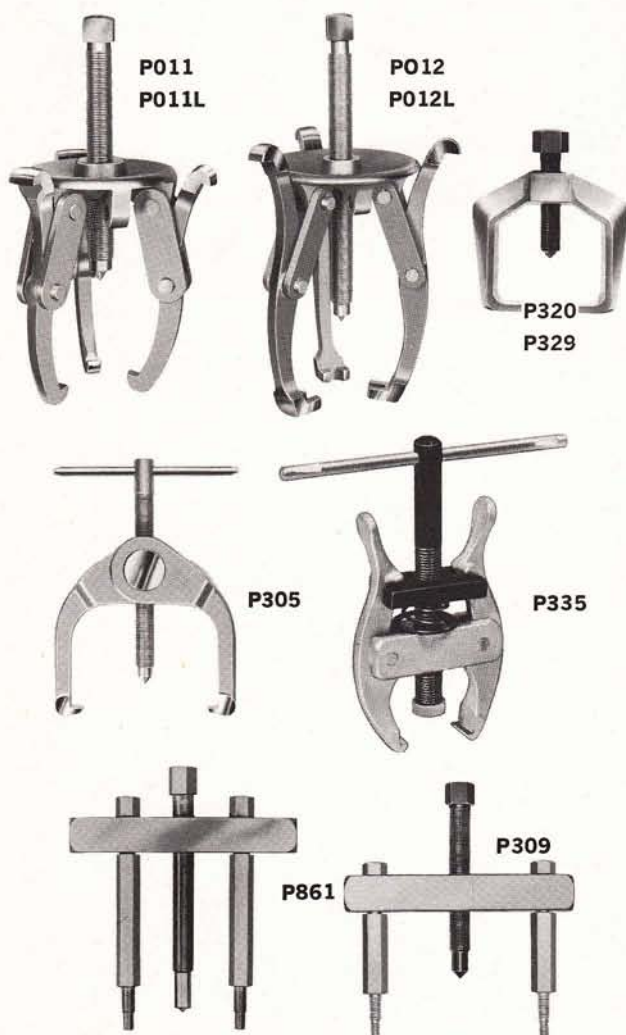
Designed to remove timing gears, pulleys and other units with tapped holes. 6-1/2" slotted cross-arm for variable center to center distances. Dual threaded side screws, 3/8-16 and 5/16-18 x 6-1/2" long. Nickel chrome finish.

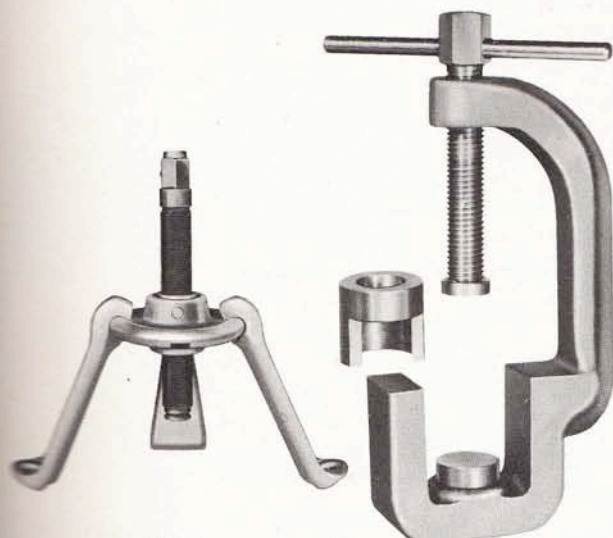
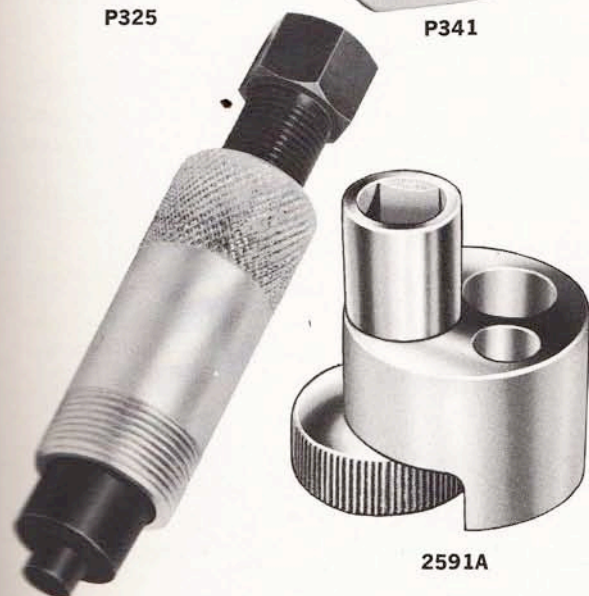
Wt.: 2.50 Lbs.

P309 TIMING GEAR PULLER Part No. B91359

Designed for removing timing gears, fan assemblies, vibration dampeners, and other parts that are tapped to receive cap screws 3/8" in diameter or less. Nickel chrome finish: Maximum reach 7-1/2", spread 5-1/2"

Wt.: 2.750 Lbs.



**P311****P325****P341****P343****2591A****No. P311 STEERING PULLER****Part No. B91335**

Designed to pull steering wheels on most late model automobiles. Consists of three sets of side screws, 3/8-16, 5/16-18, and 5/16-24. Center screw is 5/8-18 x 4 inches. The floating swivel is recessed so as not to damage the spring tip connected to the horn wires. Wt.: 2.250 Lbs.

No. P341 UNIVERSAL JOINT TOOL**Part No. B91351**

This tool will disassemble and reassemble universal joints without damage to components. Designed for most cars and light universal joints. Drive screw has hex if more leverage is needed. Wt.: 5.75 Lbs.

No. P325H UNIVERSAL WHEEL PULLER**Part No. B91325**

Adjustable legs makes these Bonney Pullers adaptable to any Hub. Max. spread: 7-1/2", Reach: 4-7/8". Wt.: 10.000 Lbs.

No. 2591A ECCENTRIC STUD PULLER**Part No. B91320**

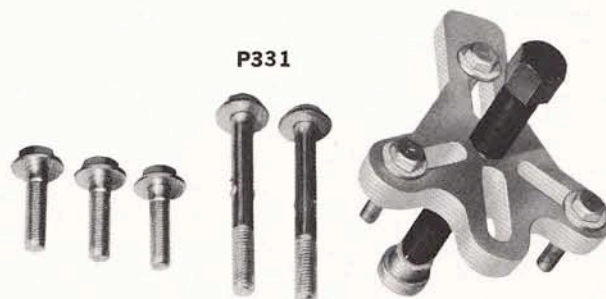
Cam face is flush with bottom face of pullers body to grip short studs firmly. Pinned eccentric is reversible for additional life. Teeth are sharp-milled for "Bit and easy" release. 1/2" square drive... alloy steel, chrome plated. Wt.: 1.131 Lbs.

No. P343 RAMBLER STEERING PULLER**Part No. B91343**

Designed to remove steering wheels easier and without damage to steering wheel assembly. Simply insert the body inside threaded steering wheel, turn forcing screw to seat swivel end and remove steering wheel. Chrome plated body. Wt.: .375 Lbs.

No. P331 HARMONIC BALANCER PULLER**Part No. B91363**

Designed to pull balancers, vibration dampers, pulleys, or any gear with tapped holes. The four slots in the yoke allow the use of this tool in either two or three hole applications. The floating swivel prevents damage to shaft ends. Included are the necessary side screws—(3) 3/8-24, (3) 5/16-18, (2) 3/8 x 16. Wt.: 2.500 Lbs.

**P331**

No. P333 BEARING SPLITTER

Part No. B91372

Designed for removing generator gears, bearings, bearing cones and other similar parts where most puller jaws will not reach. The flush, knife edge opening will get behind work close to a housing, or close together parts requiring wedging apart. Designed for use with Bonney "Quick-Lock" jaw pullers or cross-arm pullers.

Capacity to 2-1/4" O.D. Wt.: 1.38 Lbs. each.

No. P334 LARGE BEARING SPLITTER

Part No. B91373

Capacity to 4-1/4" O.D. Wt.: 6.50 Lbs.

No. P339 ADAPTER— AXLE SHAFT REMOVER

Part No. B91379

For use with P337. This threaded coupling or adapter is needed to remove the axle shaft on Rambler and Chrysler product cars except the Valiant and Lancer. Threaded with a 3/4-16 on one end and 7/8-14 on the other. Wt.: .375 Lbs.

No. P337 FLANGE TYPE AXLE PULLER

Part No. B91377

This tool can be used as a regular wheel puller or hub puller as well as a flange type puller. The bolt circle range is from 4-1/2 inches to 5-1/2 inches which covers all major cars and small trucks with flange type axles. The four slots in the adapter allow this tool to be used on either 4, 5, or 6 bolt or stud designs. Has extra heavy 5-1/4 pound sliding hammer. Wt.: 10.000 Lbs.

No. P338 YOKE FOR VALIANT AND LANCER

Part No. B91378

For use with P337. Designed to remove flange type axles on the Valiant and Lancer compact cars. Range: 3-3/4 inches to 4-1/2 inches. Wt.: 3.750 Lbs.

No. P319 PITMAN ARM SEPARATOR

Part No. B91319

A forked wedge type separator designed to dismount the Pitman arm assembly. Nickel chrome plated finish. Jaw opening: 1-1/8 inches. Lgth.: 11-1/4 inches. Wt.: 1.625 Lbs.

No. P317 SHOCK LINK AND STABILIZER LINK SEPARATOR

Part No. B91317

This forked wedge separator is used to free the tapered links of the shock absorber assembly or the stabilizer assembly from their mountings. Nickel chrome finish. Jaw opening: 5/8 inch. Lgth.: 16 inches. Wt.: 2.250 Lbs.

P333

P334

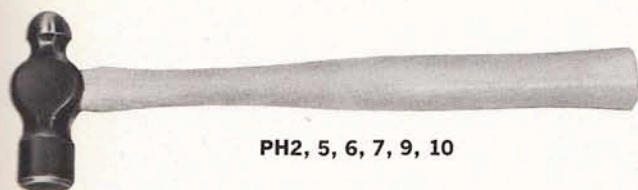
P339

P338

P337

P319

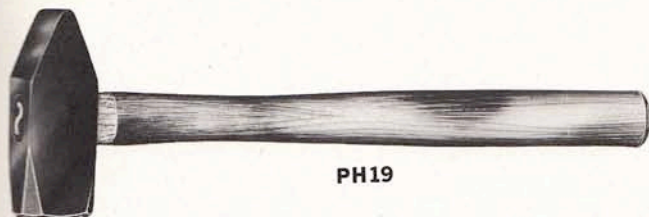
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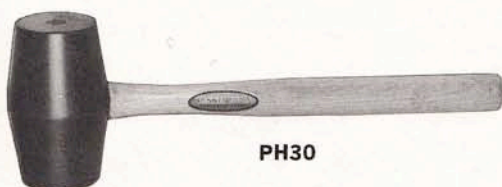
PH2, 5, 6, 7, 9, 10



PH15, 17, 18, 20, 21



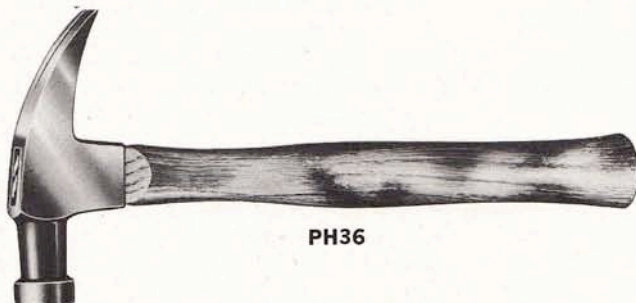
PH19



PH30



PH35



PH36

PH2, 5, 6, 7, 9, 10 BALL PEIN

Drop forged from special hammer steel, specially heat treated and tempered. Hickory handle. Full polish finish with octagons black baked enamel.

Number	Part No.	Weight (Oz.)	Number	Part No.	Weight (Oz.)
PH2	B90202	4	PH7	B90207	16
PH5	B90205	8	PH9	B90209	24
PH6	B90206	12	PH10	B90210	32

*PH17, 18, 15, 20, 21 SOFT FACE AND TIPS

Tough, replaceable plastic tips protect parts from damage.

Number	Part No.	Weight (Oz.)	Extra Tips Number	Part No.	Diameter
*PH17	B90220	1½	*PH17TP	B90220-05	5/8"
*PH18	B90221	4	*PH18TP	B90221-05	1 1/8"
*PH15	B90222	8	*PH15TP	B90222-05	1 1/4"
*PH20	B90224	16	*PH20TP	B90224-05	1 3/8"
*PH21	B90226	32	*PH21TP	B90226-05	1 9/16"

PH19 TIRE & RIM

PH19—Lgth.: 5 inches. Wt.: 48 oz.

Part No. B90233

PH30 RUBBER MALLET

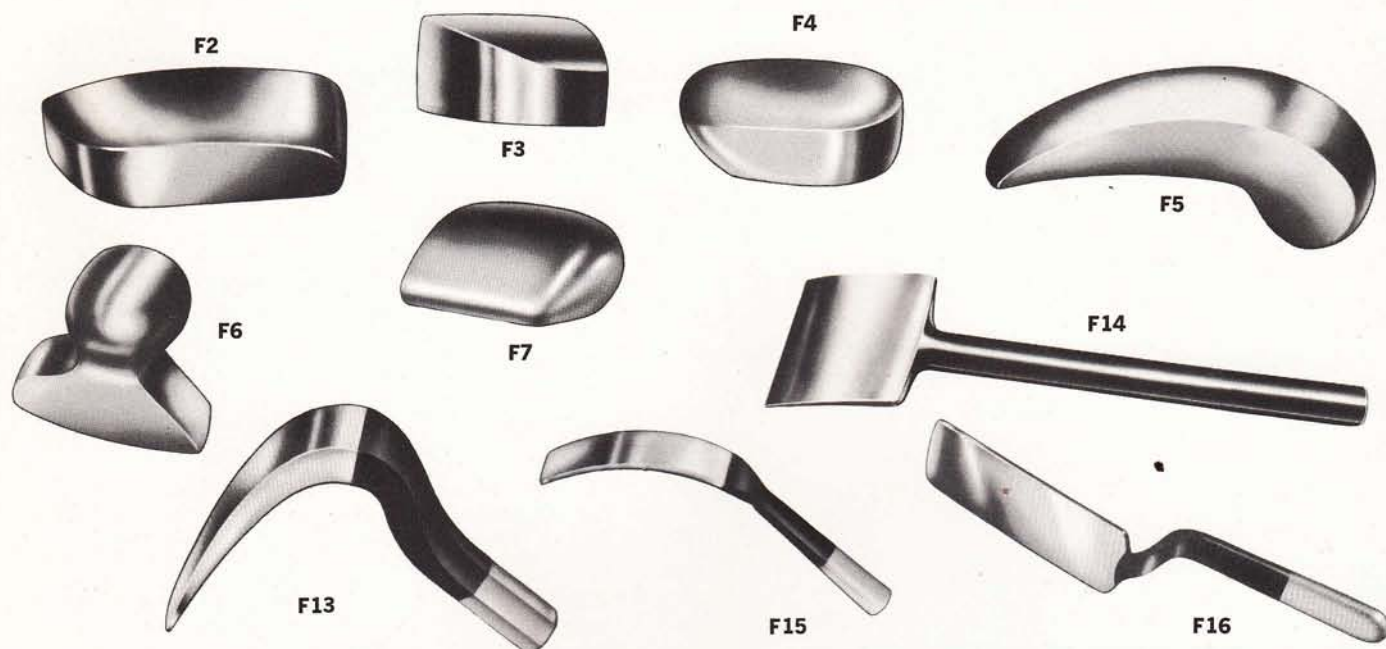
PH30—Lgth.: 17 inches. Wt.: 28 oz.

Part No. B90230

PH35, 36 CLAW

Drop forged hammer steel, full polish finish.

Number	Part No.	O.A. Length	Weight (Oz.)
PH35 Curved	B90235	13 3/8"	16
PH36 Straight	B90236	13 3/8"	16



Bonney Body and Fender Tools are drop forged from carefully selected steels, hardened and tempered to assure long life under hard use. Each working surface is carefully engineered to do the job for which designed. Working faces are smooth, accurately shaped, fully polished.

F2 TOE DOLLY**Part No. B91702**

Thinness and length provide easy accessibility to narrow pockets. Large, flat face is used in shrinking and dinging flat panels. The flat sides furnish a convenient anvil for repairing flanges. Size: 4-3/4 inches x 2-3/8 inches x 1-1/8 inches. Wt.: 2.500 Lbs.

Fed. Spec.: GGG-B-481a, Type 4.

F3 HEEL DOLLY**Part No. B91703**

Designed to reach easily into sharp corners and wide radii. These features are exclusive to the heel dolly. Size: 3-1/4 inches x 2-1/2 inches x 1-7/16 inches. Wt.: 2.500 Lbs.

Fed. Spec.: GGG-B-481a, Type 3.

F4 LOW CROWN DOLLY**Part No. B91704**

Specially designed for use on low crown panels where medium and high crown dollies would stretch the metal. Angle between the sides and large face is less than 90° which permits this dolly to reach into the corner of a flanged edge. Size: 3-7/8 inches x 2-3/4 inches x 1-5/8 inches. Wt.: 3.000 Lbs.

Fed. Spec.: GGG-B-481a, Type 6.

F5 WEDGE DOLLY**Part No. B91705**

Long, slender, general purpose dolly. Favored by many body repair men for all-around use. Size: 5-3/4 inches x 2-3/8 inches x 2-3/16 inches. Wt.: 3.250 Lbs.

Fed. Spec.: GGG-B-481a, Type 5.

F6 GENERAL PURPOSE DOLLY**Part No. B91706**

Provides convenient and comfortable hand hold during heaviest blows. Weight, balance, and several differently crowned working faces, together with two beading and flange lips, give this dolly broad general use. Size: 2-7/8 inches x 2-3/8 inches x 2-1/4 inches. Wt.: 3.000 Lbs.

Fed. Spec.: GGG-B-481a, Type 1, Style D.

F7 UTILITY DOLLY**Part No. B91707**

High crown dolly with one narrow beading edge. Thick rounded sides are useful in short radii curves. Wide application of uses in high crown portions of hoods, fenders, and body panels. Size: 3-1/8 inches x 3 inches x 1-5/8 inches. Wt.: 3.000 Lbs.

Fed. Spec.: GGG-B-481a, Type 8, Style B.

F14 "WING DING DOLLY"**Part No. B91714**

The answer to repair problems on high-fin cars, Long handle, special contours for working up inside cramped fins. 1 inch Diameter Handle. Lgth: 19 inches. Wt.: 3.750 Lbs.

F13 COMBINATION SPOON**Part No. B91713**

General purpose fender spoon. Used as dolly behind brackets, inner panels, and similar places. Has high crown working surface. Face: 1-3/4 inches x 5-1/2 inches. Handle: 1 inch octagon, 4-3/4 inches long. Wt.: 2.750 Lbs.

F15 LONG CURVED SPOON**Part No. B91715**

Long, thin, curved blade is handy for prying up dents behind curved reinforcements in header panels, hinge anchors in doors, body pillars and reinforcements in hoods and radiator shells. Lgth.: 10-1/2 inches. Face: 2 inches x 7 inches. Wt.: 1.500 Lbs.

F16 LIGHT DINGING SPOON**Part No. B91716**

To ding ridges smooth and level. When held against ridge and struck with hammer, spreads blow over large area making smooth job and preventing damage to metal or finish. Not made for prying. Face: 2 inches x 4-5/16 inches. Lgth.: 10 inches. Wt.: .688 Lbs.

PH22 HEAVY DUTY BUMPING HAMMER

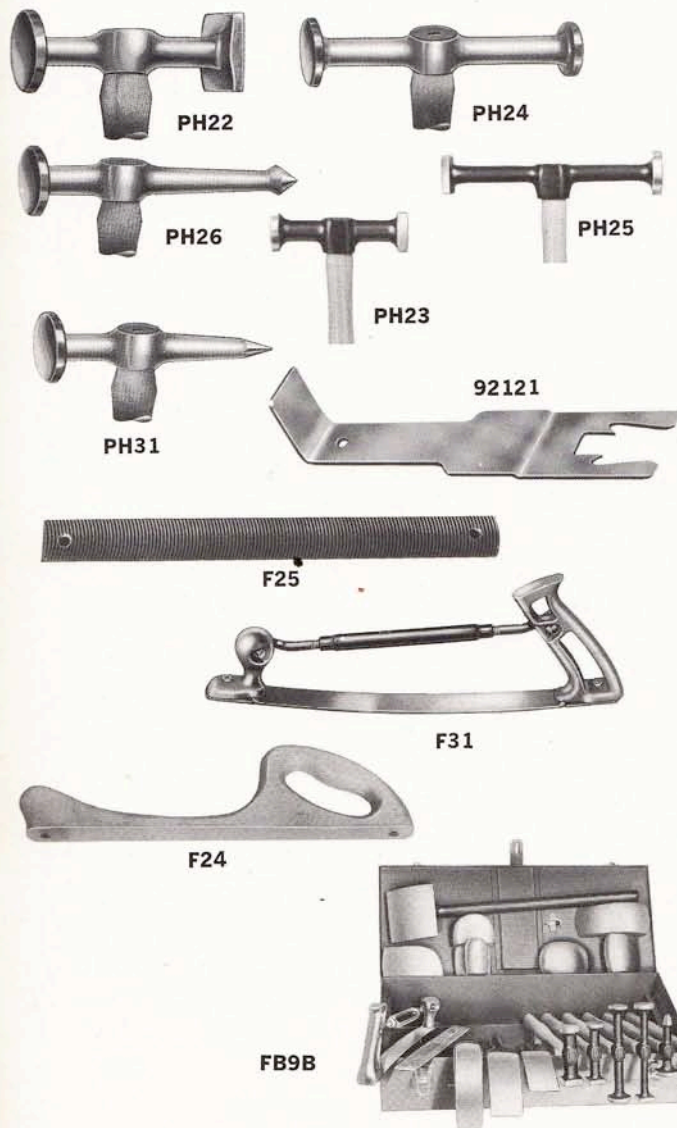
For heavy gauge truck fender and panels. Faces: 1-1/4 inches round, 1-3/16 inches square. Head length: 4 inches. Wt.: 13 ozs. **Part No. B90242**

PH23 DINGING HAMMER

Short reach, lightweight. Combines low crown, round and square faces. Faces: 1-1/4 inches round, 1-3/16 inches square. Head length: 4 inches. Wt.: 9 ozs. **Part No. B90243**

PH24 GENERAL PURPOSE DINGING HAMMER

For fenders and other high crown panels. Large, low crown face for dinging on dolly: small high crown face for dinging off dolly and for driving down ridges. Faces: 1-1/4 inches and 1-9/16 inches round. Head length: 6 inches. Wt.: 11 ozs. **Part No. B90244**



PH25 DINGING HAMMER

A perfectly balanced hammer for light dinging where long reach is necessary. Square face permits dinging in corner of molding. Faces: 1-1/4 inches round, 1-1/16 inches square. Head length: 6 inches. Wt.: 10 ozs. **Part No. B90245**

PH26 UTILITY PICK HAMMER

Blunt point and short reach for driving up low spots in high crown panels. Can be used on fenders without removing wheel or wherever there is little clearance. Excellent for thin gauge panels. Face: 1-9/16 inches. Round point: 5/32 inch radius. Length of pointed end: 2 inches. Head length: 4 inches. Wt.: 10 ozs. **Part No. B90246**

PH31 GENERAL PICK HAMMER

Medium size point and medium reach for general work. Low crown point gives weight for perfect balance with low crown dinging head. Face: 1-9/16 inches. Round point: 3/32 inch radius. Length of pick end: 3-3/4 inches. Wt.: 9 ozs. **Part No. B90241**

92121 DOOR HANDLE CLIP REMOVER

For removing Ford and G.M. late style long handles, saves upholstery, clips do not fly. Wt.: .155 Lbs. **Part No. B92121**

*F25 FLEXIBLE CURVED TOOTH FILE

Lgth.: 14 inches. Wt.: .687 Lbs. **Part No. B91571**

F31 FLEXIBLE FILE HOLDER

Made of aluminum for long dependable service. Used with 14 inch flexible file. File can be flexed to match surface to be worked on. Wt.: 1.437 Lbs. **Part No. B91596**

F24 STRAIGHT WOOD FILE HOLDER FOR F25

Made from choice hardwood for lightweight and durability. Wt.: .937 Lbs. **Part No. B91595**

*F26 SET

Consisting of 6 F25 blades and 1 F24 file holder packed in cardboard box. Wt.: 5.188 Lbs. **Part No. B84909**

FB9B BODY AND FENDER TOOL SET

This body repair set contains the most popular tools used in general body work. (19 pieces. Wt.: 47.313 Lbs.)

Part No. B84902

Number	Description	Number	Description
F2	Toe Dolly	F25	14" Flexible File Blade
F3	Heel Dolly	F31	Adjustable File Holder
F4	Low Crown Dolly	PH22	Bumping Hammer
F5	Wedge Dolly	PH23	Dinging Hammer
F6	Universal Dolly	PH24	Dinging Hammer
F7	Utility Dolly	PH25	Dinging Hammer
F13	Combination Spoon	PH26	Pick Hammer
F14	Wing Ding Dolly	PH31	Pick Hammer
F15	Body Spoon	MB64	Metal Box, 21½" x 9½" x 4½"
F16	Dinging Spoon		

2623 DELUXE HACKSAW FRAME

Part No. B91423

Lightweight with complete rigidity. Cuts absolutely flush sideways and bottoms on vertical cuts. Composition pistol grip handle. Baked enamel finish on frame. Blade storage in tubular arm. Lgth.: 16 inches. Use 12 inch blade. Wt.: 1.500 Lbs.

2628 ALL STEEL HACKSAW FRAME

Part No. B91428

Heavy cold rolled steel frame with full formed, non-breakable pistol grip handle. Adjustable from 8-12 inches. Lgth.: 16 inches. Wt.: 1.375 Lbs.

2629 JAB SAW

Part No. B91429

Reaches into areas where no other saw will operate—use of broken blades provides plus economy. Will reach 6 inches into 3/4 inch holes with rigidly supported blade and extends up to 10 inches further with blade extended. Lgth.: 10-1/2 to 15 inches using 10 inch blade. Wt.: .812 Lbs.

2625B REPLACEMENT BLADE

Part No. B91492

Package of 10. Wt.: .065 Lbs.

2627 MIDGET (CLOSE QUARTER) HACKSAW FRAME

Designed to fit in confined areas. Popular with electricians, plumbers, and home mechanics. Handles only 6 inch blades. Lgth.: 10 inches. Wt.: .296 Lbs. Part No. B91427

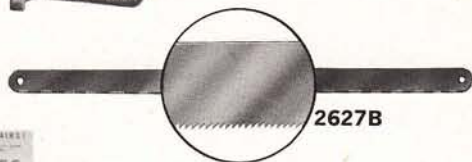


2623

2628



2629



2627B



TR7-TR8



TRI-2

2627



SER

THREAD RESTORERS—TR7 8 Thread Restorer Sets

These thread chasers restore battered or damaged threads to let the nut run freely.

*Set No. TR7 (Set of 8 SAE dies listed below—.403 lbs.) Part No. B84408

*Set No. TR8 (Set of 8 USS dies listed below—.419 lbs.) Part No. B84406

Bolt Diameter	S.A.E. Thread Per Inch	U.S.S. Thread Per Inch	Hexagon Size
1/4"	28	20	7/16"
5/16"	24	18	1/2"
3/8"	24	16	9/16"
7/16"	20	14	5/8"
1/2"	20	13	3/4"
9/16"	18	12	7/8"
5/8"	18	11	1 1/16"
3/4"	16	10	1 1/16"

SE1, 2, 3, 4, 5, 6 SCREW EXTRACTORS

Removes broken studs or screws up to 1 inch in diameter.

Number	Part No.	O.A. Length	Size Drill to use	Screw and Bolt sizes	Weight Lbs.
*SE1	B91821	2"	5/64"	3/16"—1/4"	.009
*SE2	B91822	2 3/8"	7/64"	1/4"—5/16"	.015
*SE3	B91823	2 11/16"	5/32"	5/16"—7/16"	.031
*SE4	B91824	3"	1/4"	7/16"—9/16"	.059
*SE5	B91825	3 3/8"	17/64"	9/16"—3/4"	.097
*SE6	B91826	3 3/4"	13/32"	3/4"—1"	.200

*No. SER SCREW EXTRACTOR SET Part No. B84907

Set of 6 listed above. Wt.: .438 Lbs.

2627B BLADES ONLY

Part No. B91491

6 inch blade for 2627 frame. Package of 10. Wt.: .065 Lbs.

F SERIES, BACK HARDENED BLADES

Number	Part No.	O.A. Length	Teeth Per Inch	Weight Package (lbs.)
*F1018	B91451	10"	18	.380
*F1024	B91452	10"	24	.380
*F1032	B91453	10"	32	.380
*F1218	B91461	12"	18	.450
*F1224	B91462	12"	24	.450
*F1232	B91463	12"	32	.450

HS SERIES "HI SPEED" BLADES

*HS1018	B91471	10"	18	.380
*HS1024	B91472	10"	24	.380
*HS1032	B91473	10"	32	.380
*HS1218	B91481	12"	18	.450
*HS1224	B91482	12"	24	.450
*HS1232	B91483	12"	32	.450

*TR1-2 THREAD RESTORERS

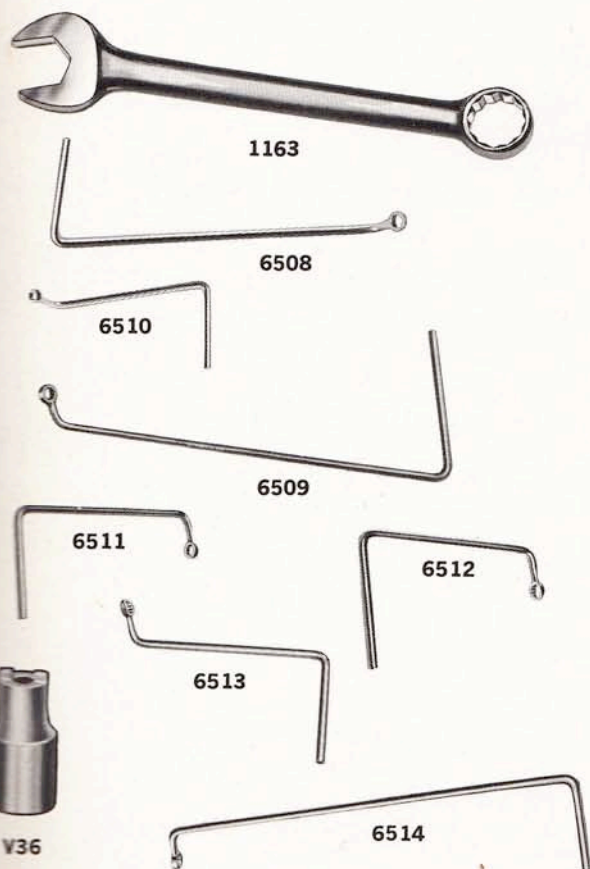
Easy to use—restores damaged or battered threads.

*TR1 for 11, 12, 13, 14, 16, 18, 20, 24 threads to an inch. Wt.: .375 Lbs. Part No. B91871

*TR2 for 9, 10, 12, 16, 20, 27, 28, 32 threads to an inch. Wt.: .338 Lbs. Part No. B91872

DISTRIBUTOR WRENCHES

Incorporating correct bends to clear the many obstacles found on late model cars and applications where the distributor is located close to the fire wall. The following line of Bonney Distributor Wrenches will reach practically all nuts for easy adjustment.



FIP

K65

No. 1163—9/16 inch opening for Corvair and Tempest. Lgth.: 6-7/32 inches. Wt.: .188 Lbs. **Part No. B25518**

No. 6508—9/16 inch opening. Lgth.: 16-3/8 inches. Wt.: .671 Lbs. **Part No. B24908**

No. 6509—1/2 inch opening. Lgth.: 18-3/8 inches. Wt.: .687 Lbs. **Part No. B24909**

No. 6510—1/2 inch opening for Fords, Mercurys, Lincolns, Studebaker Larks, Cadillacs, Chrysler Imperials, Falcons, and Comet 6 cylinder cars. Lgth.: 9-3/8 inches. Wt.: .447 Lbs. **Part No. B24910**

No. 6511—1/2 inch opening. Similar to No. 6510 but having handle bend at 90°. Lgth.: 9-1/4 inches. Wt.: .478 Lbs. **Part No. B24911**

No. 6512—9/16 inch opening for G.M. V6. Lgth.: 8-1/2 inches. Wt.: .438 Lbs. **Part No. B24912**

No. 6513—9/16 inch opening for Buick. Lgth.: 9-1/2 inches. Wt.: .438 Lbs. **Part No. B24913**

No. 6514—7/16 inch opening for Slant 6. Lgth.: 18-1/2 inches. Wt.: .688 Lbs. **Part No. B24914**

V36 DISTRIBUTORS SOCKET **Part No. B39230**

Designed for Chevrolet Distributor and Dashboard. Lgth.: 1-3/8 inches. Wt.: .038 Lbs.

FIP POINT FILE **Part No. B91552**

For ignition, distributor, and spark plug points. Double cut for fast, smooth action. Packaged twelve to merchandiser card. Lgth.: 5 inches. Wt.: .312 Lbs.

K65 SNAP-GAP POINT ADJUSTING TOOL **Part No. B91267**

Gap distributor in 1/3 the time. New set for conventional and Delco "window" distributors. One of 5 sleeves slips over cam to open points. Special Snap-Gap Feeler Gauge sets gap. Remove ring and points are correctly gapped. Never necessary to rotate cam. Sets dual points too. Instructions and gap specifications included. Delco "window" distributor setting tool has 2 color indexed dial for accurate "1/2 turn counter clockwise" as specified by Delco.

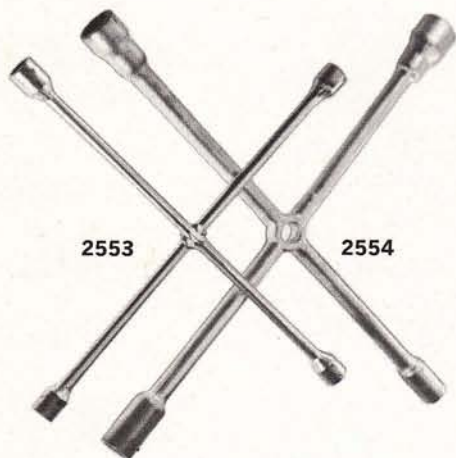
Set consists of 7 pieces in fitted plastic box. Weight per set—.60 Lbs.



B74



TLH26R



2553

2554



IG300

B74 SPARK PLUG TERMINAL PLIERS

Part No. B18256

Designed for pulling terminal while engine is running. Insulation at both jaw and handle for safety and comfort. Wt.: .31 Lbs.

SPARK PLUG SOCKETS

Spark plug holding socket has 3/4 inch male hex, rubber liner, and chrome plated.

Number	Part No.	Drive	Opening	O.A. Length	O.D. Socket End	Weight Lbs.
TLH26R	B39326	3/8"	13/16"	2 1/2"	1 1/16"	1.281
ALH26R	B39426	1/2"	13/16"	2 5/8"	1 1/16"	.312

2553 FOUR-WAY RIM WRENCH

For passenger cars and light trucks. Arms are 22 inches long for wide fender clearance; 5/8 inches in diameter for extra strength. Tool steel with sockets accurately forged. Six point openings of 3/4", 7/8", 13/16", and 15/16". Wt.: 8.000 Lbs.

Part No. B29153

2554 FOUR WAY TRUCK RIM WRENCH

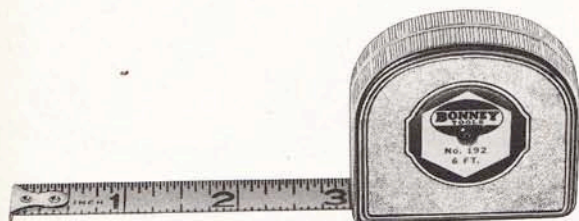
Arm length: 25 inches. Four point openings of 13/16 inch and 6 point openings of 7/8 inch, 1 inch, 1-1/16 inches, 1-1/4 inches, and 1-1/2 inches. Wt.: 12.000 Lbs. **Part No. B29154**

IG300 BATTERY TERMINAL BRUSH

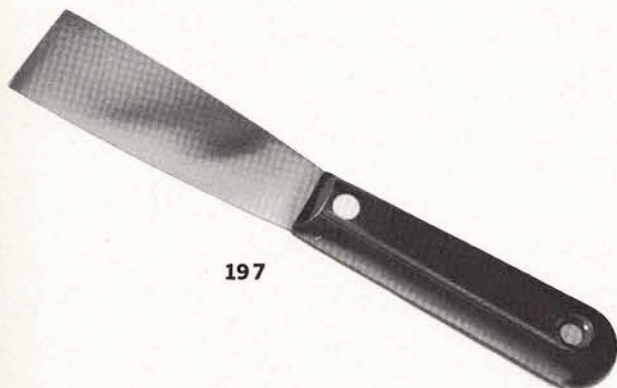
Internal and external wire brushes, clean battery post and cable terminal surfaces. In two piece plastic housing. Wt. each: .25 Lbs. **Part No. B92100**



99



192



197

99 SHOP KNIFE

New multi-purpose has retractable blade with four blades included. Wt.: .218 Lbs. **Part No. B91649**

192 SIX FOOT PUSH PULL RULE

Flexible steel blade with legible black numerals on white background. Chrome finished case. Wt.: .08 Lbs.

Part No. B91606

*197 PUTTY KNIFE

Handy for removing gaskets, grease, etc. Flexible steel blade 1-1/4 inches wide, 3-3/4 inches long. Lgth.: 7-3/4 inches. Wt.: .094 Lbs. **Part No. B91641**

K1 MAGNETIC PICK-UP TOOLS

Extremely useful for extracting metal objects from tight places where a straight tool will not reach.

Number	Part No.	O.A. Length	Weight Lbs.
K1	B91811	9"	.091
K2	B91812	17" to 27"	.416

K4 HANDY HOLDING TOOLS

These mechanical fingers are ideal for picking up objects in tight places and inserting, starting screws.

Number	Part No.	Reach	O.A. Length	Weight Lbs.
K4	B91804	4"	6 3/4"	.113
K6	B91806	6"	8 3/4"	.144
K8	B91808	8"	10 3/4"	.175
KF	B91809	12"	14 3/4"	.238

K26 POCKET MAGNETIC PICK-UP TOOLS

(Pencil Type) **Part No. B91816**

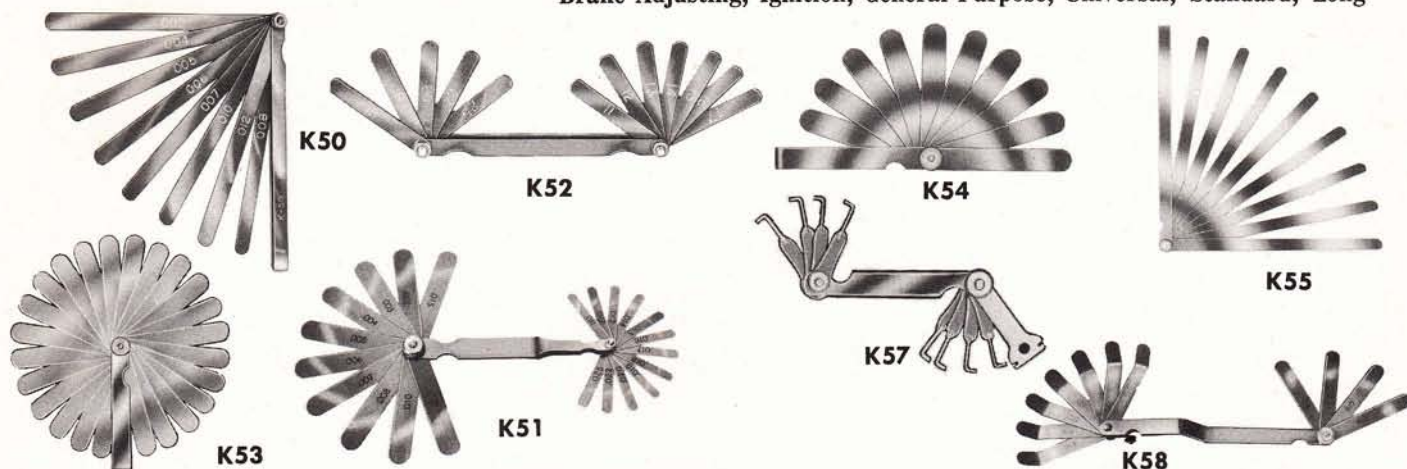
Capacity: 3/4 Lbs. Wt.: .063 Lbs. Standard pencil length.

K1 - K2

K4 - KF

K26

Brake Adjusting, Ignition, General Purpose, Universal, Standard, Long



*K50 BRAKE GAUGE

Part No. B91250

Contains nine 4 inch x 1/4 inch blades in the following thicknesses for checking brake clearances: .002, .004, .005, .006, .007, .008, .010, .012, .015. Packed 6 to a box. Wt.: 6 oz.

*K51 COMBINATION GAUGE

Part No. B91251

Contains ten 3 inch x 1/2 inch blades on one end of the following thicknesses: .002, .003, .004, .005, .006, .007, .008, .010, .013, .015; and twelve 1-3/4 inch x 1/4 inch blades on the other end of the following thicknesses: .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .022, and .025. Packed 6 to a box. Wt.: .750 Lbs.

*K52 IGNITION GAUGE

Part No. B91252

Contains twelve 1-3/4 inch x 1/4 inch blades of the following thicknesses: .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .022, and .025. Packed 6 to a box. Wt.: 6 oz.

*K53 UNIVERSAL MASTER GAUGE

Part No. B91253

Contains twenty-five 3-5/16 inch x 1/2 inch blades of the following thicknesses: .0015, .002, .003, .004, .005, .006, .007, .008, .009, .010, .011, .012, .013, .014, .015, .016, .018, .020, .022, .024, .025, .028, .030, .032, and .035. Packed 6 to a box. Wt.: .1250 Lbs.

*K54 STANDARD FEELER GAUGE

Part No. B91254

Contains ten 3-5/16 inch x 1/2 inch blades of the following thicknesses: .002, .003, .004, .005, .006, .007, .008, .010, .012, and .015. Packed 6 to a box. Wt.: .500 Lbs.

*K55 PISTON GAUGE—EXTRA LONG FEELER

Contains eight 9 inch x 1/2 inch blades of the following thicknesses: .002, .003, .004, .005, .006, .008, .010, and .015. Packed 6 to a box. Wt.: 1.000 Lbs. Part No. B91255

*K56 SINGLE END HOLDER (Not Illustrated) (Positive Adjustment Lock)

Part No. B91256

Lgth.: 4-1/2 inches. Packed 12 to a box. Wt.: 1-1/2 oz.

*K57 SPARK PLUG WIRE GAUGE

Part No. B91257

Contains one electrode bender and eight wire gauges of the following thicknesses: .022, .025, .028, .030, .032, .035, .038, and .040. Packed 6 to a box. Wt.: 7-1/2 oz.

*K58 COMBINATION O.H.V. GAUGE

Part No. B91258

Contains seven 3-5/16 inch x 1/2 inch blades with 45° offset of the following thicknesses: .018, .019, .020, .021, .024, .025, .026; and four straight 3-5/16 inch x 1/2 inch in the following thicknesses: .015, .016, .018, and .019. This gauge especially useful on Ford, Mercury and Studebaker motors. Packed 6 to a box. Wt.: 1.375 Lbs.

*K60 FORD GAUGE

Part No. B91260

Contains thirteen step-ground 3-5/16 inch x 1/2 inch Go-No-Go blades of the following thicknesses: .010-.012, .011-.013, .012-.014, .013-.015, .014-.016, .015-.017, .016-.018, .017-.019, .018-.020, .019-.021, .012-.023, .024-.026, .025-.027. Four 3-5/16 inch x 1/4 inch Ignition Blades: .015, .016, .020, .025. Three 90° offset wire blades: .025, .028, .035. Two straight wire blades: .017, .030. One electrode bending tool. Packed 6 to a box. Wt.: 1.375 Lbs.

*K61 CHEVROLET GAUGE

Part No. B91261

Contains eight 3-5/16 inch x 1/2 inch regular blades in the following sizes: .006, .007, .008, .010, .012, .013, .015, .020, Four 3-5/16 inch x 1/4 inch ignition blades: .016, .018, .020, .022. Three 90° offset wire blades: .032, .035, .040. One electrode bending tool. Packed 6 to a box. Wt.: 1.000 Lbs.

*K62 15 BLADE GO-NO-GO GAUGE (Not Illustrated)

Contains fifteen 3-5/16 inch x 1/2 inch step-ground blades of the following thicknesses:

.006-.008	.007-.009	.008-.010
.009-.011	.010-.012	.011-.013
.012-.014	.013-.015	.014-.016
.015-.017	.016-.018	.017-.019
.018-.020	.019-.021	.020-.022

Packed 6 to a box. Wt.: 1.000 Lbs. Part No. B91262

*K63 MASTER IGNITION GAUGE

Part No. B91263

Serves domestic and foreign cars.

Contains sixteen 1-3/4 inch x 1/4 inch blades of the following thicknesses: .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .022, .024, .025, .028, .030, and .032. Packed 6 to a box. Wt.: 6 oz.

*K64 UNIVERSAL O.H.V. GAUGE FOR V-8 ENGINES

Contains sixteen 3-5/16 inch x 1/2 inch blades with 45° offset for checking valve clearances on most V-8 engines of the following thicknesses: .009, .010, .011, .014, .015, .016, .017, .018, .019, .020, .021, .023, .024, .025, .026, and .027. Packed 6 to a box. Wt.: 1.250 Lbs. Part No. B91264

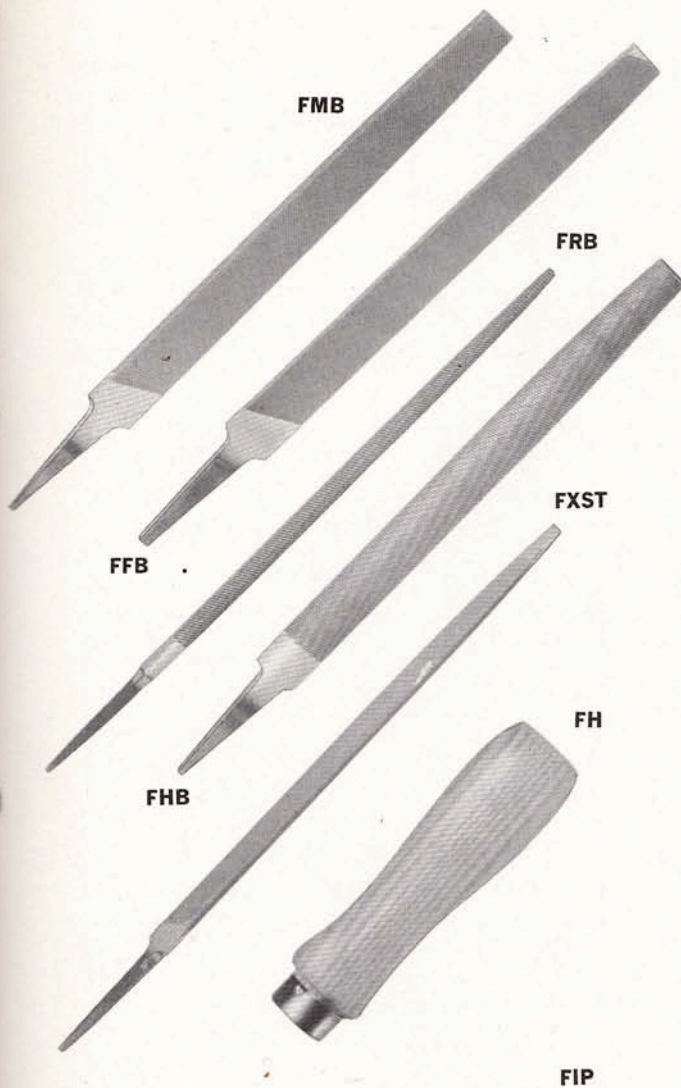
REPLACEMENT FEELER GAUGE BLADES

*K0015 to K026B—Replacement Blades. Lgth.: 3-5/16 inches. Width: 1/2 inch. From .0015 to .026 thickness. (Package of 6.) For complete listing, see price list.

*KL0015 to KL040—Long Replacement Blades. Lgth.: 12 inches. Width: 1/2 inch. From .0015 to .040 thickness. (Package of 6.) For complete listing, see price list.

FILES and HANDLES

Mill, Flat, Round & Half Round Bastard, Slim Taper, Point Files



Bonney's files are the finest money can buy. Made from specially refined high carbon file steel, they have deep cut, sharp teeth designed for rapid removal of metal. They are self-cleaning to avoid marring of work and of uniform width and thickness.

MILL (Bastard)

Number	Part No.	O.A. Length	Package	Weight Lbs.
*FMB6	B91513	6"	12	1.375
*FMB8	B91514	8"	12	2.062
*FMB10	B91515	10"	12	5.687
*FMB12	B91516	12"	6	4.875
*FMB14	B91517	14"	6	7.312
*FMB16	B91518	16"	6	10.625

FLAT (Bastard)

*FFB6	B91503	6"	12	.812
*FFB8	B91504	8"	12	3.937
*FFB10	B91505	10"	12	7.562
*FFB12	B91506	12"	6	5.750
*FFB14	B91507	14"	6	8.750

ROUND (Bastard)

*FRB6	B91533	6"	12	.750
*FRB8	B91534	8"	12	1.687
*FRB10	B91535	10"	12	3.250
*FRB12	B91536	12"	6	3.562

HALF ROUND (Bastard)

*FHB6	B91523	6"	12	1.625
*FHB8	B91524	8"	12	3.562
*FHB10	B91525	10"	12	6.437
*FHB12	B91526	12"	6	5.625
*FHB14	B91527	14"	6	8.625

EXTRA SLIM TAPER

*FXST5	B91542	5"	12	.625
*FXST6	B91543	6"	12	1.125
*FXST8	B91544	8"	12	2.750

WOOD HANDLES

Bonney hardwood file handles are provided in the three popular sizes to cover the full range of file lengths.

Number	Part No.	Description	Weight Lbs.
*FH2	B91592	Small for 5" and 6" files	.125
*FH3	B91593	Medium for 8" and 10" files	.125
*FH4	B91594	Large for 12" and 16" files	.187

*FIP POINT FILE

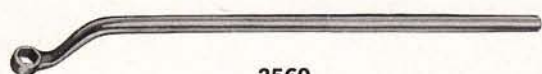
Part No. B91552

For ignition, distributor, and spark plug points. Double cut for fast, smooth cut. Packaged twelve to merchandiser card. Lgth.: 5 inches. Wt.: .312 Lbs.





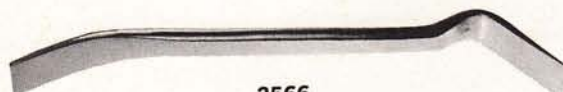
RC150



2560



2561



2566



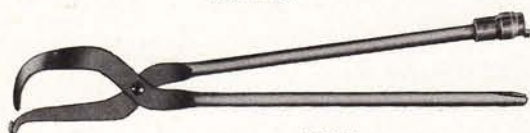
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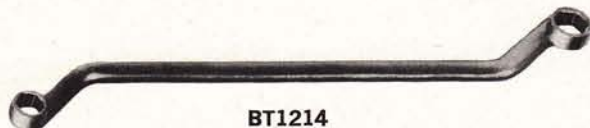
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2681



2681A



BT1214

RC150 BRAKE CYLINDER HONE

Small engine and brake cylinder hone. Adjustable spring tension will bottom in blind holes and service step-cut cylinders. Furnished with three stones, 280 grit. Capacity 3/4 to 2-1/4 inch diameter. For best results drive with 1/4 inch high speed electric drill.

Wt.: .250 Lbs. **Part No. B92230**

2560 BRAKE ADJUSTING WRENCH

For use on Plymouth, Dodge, DeSoto, and Chrysler cars. 7/16 inch 6 point opening, deep offset, (to clear tires). 12 inches long. Alloy steel. Wt.: .438 Lbs.

Part No. B24920

2561 BRAKE ADJUSTING AND SHOCK ABSORBING WRENCH

For older Bendix brakes and most Jeeps. 3/16 inch and 1/4 inch openings. Wt.: .169 Lbs. **Part No. B22961**

2566 STAR NUT BRAKE TOOL (SPOON)

For adjustment of star nuts on two shoe Bendix brakes. Lgth.: 7-3/4 inches. Wt.: .213 Lbs. **Part No. B92152**

2566A STAR NUT BRAKE TOOL (SPOON)

Brake spoon similar to 2566 but having one end straight. Popular in close quarters on new model cars. Lgth.: 8-1/4 inches. Wt.: .209 Lbs. **Part No. B92153**

2568 STAR NUT ADJUSTING SPOON

Notched design for clearance on G.M. compacts. Services standard Bendix brakes also. 9-3/16 inches long. Wt.: .313 Lbs. **Part No. B92150**

27430 BRAKE CYLINDER CLAMP

Spring wire clamps easy to apply, prevent pistons from coming out of brake cylinders when shoe and return springs are removed.

Tool Number	Part No.	O.A. Length	Weight Lbs.
27430	B92175	7"	.212
27430-2	B92175-02	7"	.500 (Set of two)

2681 BRAKE SPRING PLIERS

Universal plier, includes special socket for full coverage of all mechanical and hydraulic brakes. Removes and replaces springs. Lgth.: 13-1/2 inches. Wt.: .82 Lbs. **Part No. B18233**

2681A REPLACEMENT SOCKET FOR 2681

Part No. B19001

BT1214 BRAKE BLEEDER WRENCH

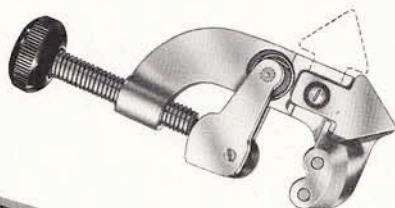
3/8 inch x 7/16 inch deep offset 6 point box openings, easily bleeds and adjusts Chrysler and most other makes. Lgth.: 8-1/2 inches. Wt.: .188 Lbs. **Part No. B29914**



T750



RF46



RF59



RF100B



56804



56806



56813



56808



56830



56829



RC176

T750 STOP LIGHT AND OIL PRESSURE SWITCHES, 2 IN 1 SOCKET

Double recess to handle both switches. 3/8 inch drive. Lgth.: 2 inches. Wt.: .375 Lbs. **Part No. B39350**

RF46 FLARING TOOL

Part No. B92046

Capacity 3/16 inch to 5/8 inch. Made of high grade steel carefully machined and heat treated for long, dependable service. 3/8 inches wide, 6 1/2 inches long. Wt.: 2.038 Lbs.

RF59 TUBE CUTTER

Part No. B92059

Designed to cut tubing from 1/8 inch to 1 inch O.D. Reamer held securely out of the way when not in use. Finish: Nickel chrome plate. Width: 2 inches. Lgth.: 5 inches. Wt.: .588 Lbs.

RF100B DOUBLE FLARING TOOL SET

Part No. B84905

Designed to produce 45° double flares on 3/16 inch, 1/4 inch, 5/16 inch, 3/8 inch, and 1/2 inch O.D. soft steel tubing up to .040 wall thickness. Also, designed to form single flare on soft copper, aluminum, or brass tubing.

Forcing cone has swivel action design to reduce friction. Forged steel yoke hardened and tempered for greater strength. Packaged in fitted, metal case. Bright plated finish. Wt.: 3.250 Lbs.

56804, 56806, and 56813 ball joint sockets for removal and adjustments of ball joints.

56804 BALL JOINT SOCKET

3/4 inch square drive. For Plymouth and Dodge. 2-9/16" O.D. Socket End: 2 inches long. Wt.: 1.125 Lbs. **Part No. B56804**

56806 BALL JOINT SOCKET

3/4 inch square drive. For Chrysler, DeSoto, and Imperial. 2-3/4" O.D. Socket End: 2-1/16 inches long. Wt.: 1.625 Lbs. **Part No. B56806**

56813 BALL JOINT SOCKET

3/4 inch square drive. For Valiant and Lancer. 2-3/8" O.D. Socket End: 3-9/16 inches long. Wt.: .182 Lbs. **Part No. B56813**

56808 BALL JOINT REMOVER

An essential tool for safely separating Chrysler ball joint assemblies. Wt. each: .375 Lbs. **Part No. B56808**

56830 TIE ROD SLEEVE SPREADER AND ADJUSTING TOOL

Tool hooks into tie rod sleeve slot for positive grip while adjusting. Handle slides through head for greater working clearances. Services standard passenger cars and light trucks. Head is alloy steel forging. Wt. each: .52 Lbs. **Part No. B56830**

56829 TIE ROD SPREADER

Smaller throat, for compacts. Wt. each: .50 Lbs. **Part No. B56829**

RC176 ZERK CLEANER

Striker plunger with sledge, oil pressure blows out hardened grease. Use on straight or angle fitting. Lgth.: 5 inches. Dia.: 1/2 inch.

Part No. B92346



92120

92120 CLUTCH ALIGNING TOOL

Aligns clutch disk and pressure plate for assembly to fly wheel. Consists of mandrel and sleeve with 6 step cut pilots for 12 sizes: .561 and .590; .614 and .624; .688 and .718; .749 and .787; .812 and .874; and .984 and 1.181. Heat treated and hardened. Wt. per set: 2.25 Lbs. **Part No. B92120**



27340

27340 PARALLEL JAW PLIERS

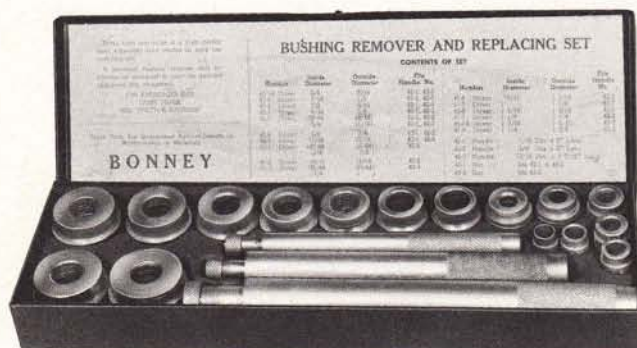
Jaws spread to 1-1/8 inches. Strong thin nibs have square dimple to hold lock ring. Wt.: .562 Lbs. **Part No. B18330**



B21

B21 HORSESHOE LOCK RING PLIER

Designed to spread horseshoe lock washers on brakes, transmissions, etc. Nose deeply serrated for firm grip. Wt.: .414 Lbs. **Part No. B18117**



BU40B

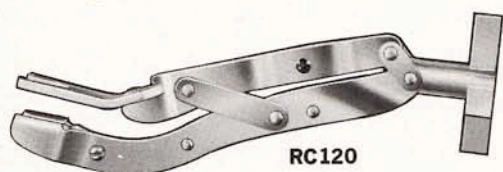
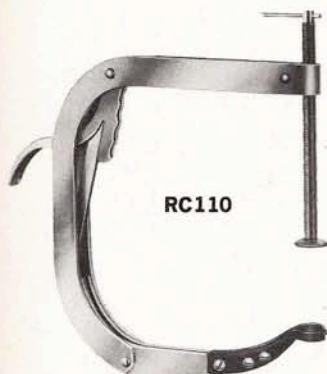
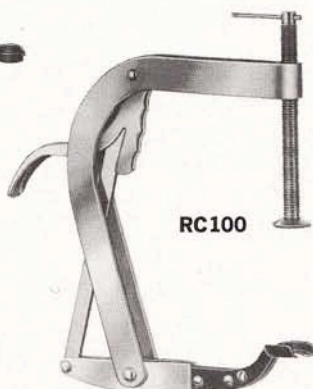
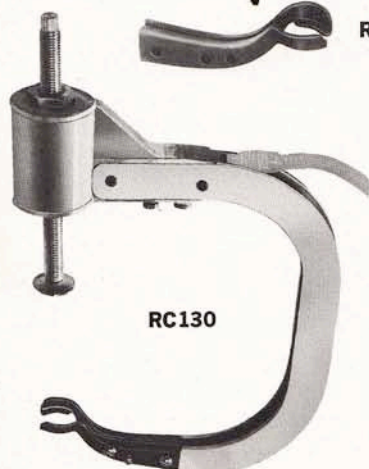
BU40B BUSHING DRIVER SET

Part No. B84901

This set is designed to drive all passenger car bushings as well as many truck and tractor bushings.

Number	Part No.	Bushing I.D.	Drive O.D.
40-1A Driver	B84901-01	3/8"	7/16"
40-2 Driver	B84901-02	7/16"	1/2"
40-3 Driver	B84901-03	1/2"	9/16"
40-5 Driver	B84901-05	9/16"	5/8"
40-7 Driver	B84901-07	39/64"-5/8"	43/64"-11/16"
40-8 Driver	B84901-08	5/8"	3/4"
40-9 Driver	B84901-09	11/16"	13/16"
41-1 Driver	B84901-11	47/64"-3/4"	55/64"-7/8"
41-2 Driver	B84901-12	13/16"	15/16"
41-3 Driver	B84901-13	55/64"-7/8"	63/64"-1"
41-4 Driver	B84901-14	15/16"	1 1/16"
41-5 Driver	B84901-15	1"	1 1/8"
41-6 Driver	B84901-16	1 1/16"	1 3/16"
41-7 Driver	B84901-17	1 1/8"	1 1/4"
41-7A Driver	B84901-18	1 3/16"	1 5/16"
41-8 Driver	B27841-02	1 1/4"	1 3/8"
42-1 Handle	B84901-21	7/16" Dia. x 5" Long	
42-2 Handle	B84901-22	5/8" Dia. x 6" Long	
42-3 Handle	B84901-23	13/16" Dia. x 7 1/16" Long	
43-1 Nut	B84901-31	Fits 42-1 & 42-2	
43-2 Nut	B84901-32	Fits 42-3	

Metal Box—Wt.: 4.063 Lbs.

**RC120****RC140****RC110****RC100****RC111****RC113****RC112****RC130****No. RC120 SCREW TYPE VALVE LIFTER
(COMPACT FOR "L" HEAD ENGINES)**

Designed for "L" head engines having straight stemmed valves. This short, compact and rugged lifter will easily lift valves with a few turns of the screw.

Lgth.: 9"

Wt.: 1.250 Lbs.

Part No. B91920

No. RC140 SPLIT TYPE VALVE KEY REPLACER

Designed to replace tapered split locks on valve stems in small areas and limited space. Also works satisfactorily with all straight jaw valve lifters. Holds lock in position until spring is released.

Wt.: .219 Lbs.

Part No. B91940

No. RC100 "C" CLAMP VALVE LIFTER

These lightweight deep throat lifters are designed to fit spring diameters of 1 inch to 2 inches. Supplied with medium offset general purpose jaws. Jaws RC111 and RC113 may also be used with this model.

Height: 9-3/4", Width: 7"

Wt.: 5.000 Lbs.

Part No. B91900

No. RC110 "C" CLAMP UNIVERSAL TYPE VALVE LIFTER
Part No. 91910

Designed to fit springs 1" through 2-1/2" diameter. For L-head and O.H.V. Engines.

Height: 10-1/2", Width: 9-1/2"

Wt.: 7.00 Lbs.

Standard with jaw sets below.

RC111 JAW SET
Part No. 91911

Straight, capacity: 7/8"—1-7/8" diameter. Wt.: .25 Lbs.

RC112 JAW SET
Part No. 91912

Medium offset jaws, capacity: 1"—2" diameter. Wt.: .25 Lbs.

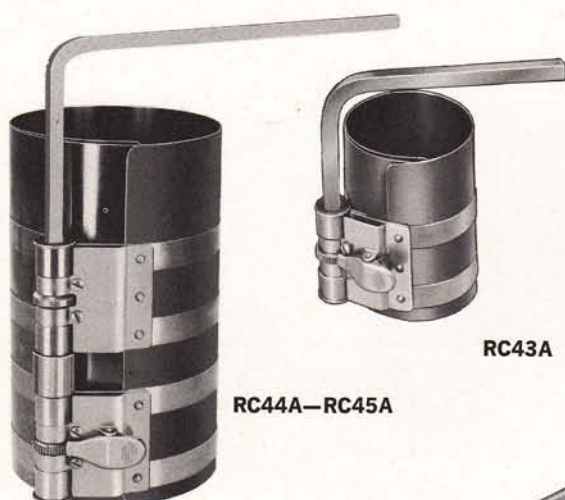
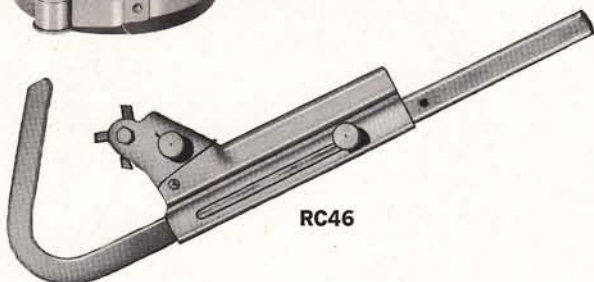
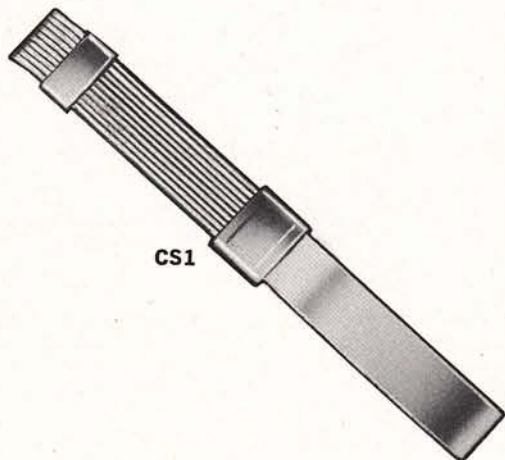
RC113 JAW SET
Part No. B91913

Large straight jaws, capacity: 1-1/2"—2-1/2" diameter. Wt.: .25 Lbs.

No. RC130 AIR POWERED "C" CLAMP VALVE LIFTER
Part No. B91930

A fully controlled valve lifter that compresses the heaviest springs. Dual compress and release control. Furnished with RC111, RC112, and RC113 jaw sets. (Illustrated).

Height: 10", Width: 9", Wt.: 6.500 Lbs.

**RC41****RC43A****RC44A-RC45A****RC46****CS1**

Compressor body is blued spring steel. Windup mechanism drive key with each tool. Brake holds rings compressed on piston.

RC41 PISTON RING COMPRESSORS Part No. B92341

Capacity 1-1/2 inch—3 inch diameter. Width: 2 inches. Friction brake single band.

Wt.: .310 Lbs.

RC43A PISTON RING COMPRESSORS**Part No. B92343**

Capacity 2-1/8 inch—5 inch diameter. Width: 3-1/2 inches. Ratchet brake double band. Wt.: .740 Lbs.

RC44A TRUCK RING COMPRESSOR**Part No. B92344**

Capacity 3-1/2 inch—7 inch diameter. Width: 3-1/2 inches. Ratchet brake double band. Wt.: .81 Lbs.

RC45A TRUCK RING COMPRESSOR**Part No. B92345**

Capacity 3-1/2 inch—7 inch diameter. Width: 6-1/2 inches. Ratchet brake 4 bands. Wt.: 1.64 Lbs.

RC46 PISTON RING GROOVE CLEANERS

Removes carbon from ring grooves on pistons from two to five inches.

RC46 (cutter wheel includes 3/32 inch, 1/8 inch, 5/32 inch, 3/16 inch blades). **Part No. B92303**

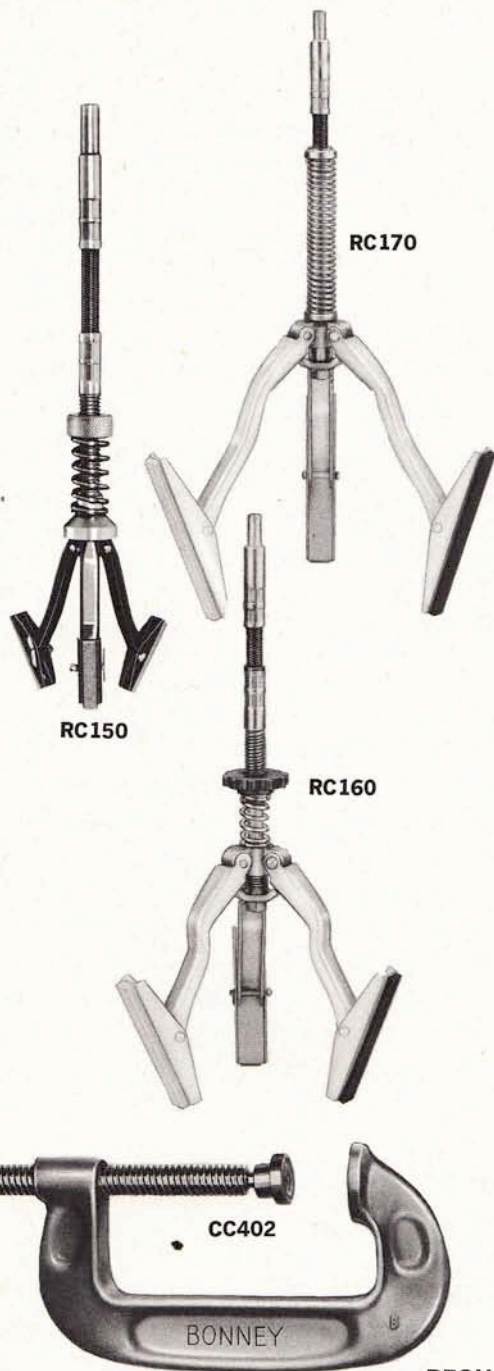
Wt.: .519 Lbs.

RC47 (cutter wheel includes 5/64 inch, 3/32 inch, 5/32 inch, 3/16 inch blades). **Part No. B92304**

Wt.: .525 Lbs.

CS1 FLEXIBLE CARBON SCRAPER Part No. B92348

The flexibility of the tempered spring steel aids greatly in speeding up carbon scraping jobs. Flexibility controlled by sliding ferrule. Blade Width: 1 inch. Wt.: .303 Lbs.



RC150 BRAKE CYLINDER HONE Part No. B92230

Designed for small engine and brake cylinder hone. Adjustable spring tension will bottom in blind holes and service step-cut cylinders. Furnished with 3 stones, 280 grit. Capacity 3/4" to 2-1/4" diameter. For best results, drive with 1/4 inch high speed electric drill. Wt.: .250 Lbs.

RC160 ADJUSTABLE GLAZE BREAKER Part No. B92240

Designed for all cylinders 2" to 5" diameter with a fully adjustable spring tension. Furnished with 3" long medium grit stones. Drive stud diameter: 2.60". Wt.: 1.125 Lbs.

RC170 PRESET LARGE CAPACITY GLAZE BREAKER Part No. B92220

Preset tension with long resilient spring action and fast cutting medium grit, all purpose abrasive stones gives perfect cylinder finish. Spread limiting adjusting for fast, easy insertion of the hone or for changing from cylinder to cylinder. Furnished with 4" medium grit stones. 3" stone may be used. Capacity: 2" to 7". Drive stud diameter 2.60". Wt.: 1.312 Lbs.

REPLACEMENT STONES—3 Stones

Number	Part Number	Type Grit	Stone Length	Hone Number
RC151	B92235	Medium	1 1/8"	RC150
RC152	B92236	Fine	1 1/8"	RC150
RC161	B92216	Medium	3"	RC160
RC162	B92215	Fine	3"	RC160
RC163	B92213	Coarse	3"	RC160
RC171	B92225	Medium	4"	RC170
RC172	B92226	Fine	4"	RC170

Fine—400 Grit
Medium—280 Grit
Coarse—100 Grit

REGULAR "C" CLAMPS

Number	Part Number	Opening	Recessed Opening	Width	Length	Weight (Lbs.)
CC402	B91622	0—2"	1 3/4"	3 7/16"	6 5/16"	1.500
CC403	B91623	0—3"	2"	3 5/8"	8 5/16"	2.500
CC404	B91624	0—4"	2 3/8"	4 1/2"	9 11/16"	3.000
CC406	B91626	0—6"	3"	5 3/4"	12"	3.562



SET NO. MB101

A master tool set having all items described in Set No. MB100 plus necessary tools required by the master mechanic. This set also includes screw drivers, pliers, hacksaw, hammers, chisels, and punches.

The MB82 Metal Chest, 26 inches wide x 14-1/2 inches high x 12-1/8 inches deep with tote tray, 18-1/2 inches wide x 7-3/8 inches deep, provides ample capacity in its six drawers for all tools listed. Tools nest together in orderly manner leaving ample room for further expansion as desired.

These are all first line Bonney tools as listed elsewhere in this catalogue.

CONTENTS OF SET NO. MB101

1/4 INCH DRIVE SOCKETS & ATTACHMENTS IN SEPARATE BOX

No.	Description	No.	Description
V6	3/16" 12-Pt. Socket	VS8	1/4" 8-Pt. Socket
V7	7/32"	VS10	5/16"
V8	1/4"	V730	Sliding "T" Handle
V9	9/32"	V606	6" Extension
V10	5/16"	V602	2" Extension
V11	11/32"	V780	6" Spin Handle
V12	3/8"	V720	Hinge Handle
V14	7/16"	V702K	Reversible Ratchet
V16	1/2"	MB12	Metal Box, 6" x 4" x 1"

3/8 INCH DRIVE SOCKETS & ATTACHMENTS

TH12	3/8" 6-Pt. Socket	T22	11/16"
TH14	7/16"	T24	3/4"
TH16	1/2"	T720	Hinge Handle
T18	9/16" 12-Pt. Socket	T603	3" Extension
T20	5/8"	T702K	Reversible Ratchet

NO. MB-101

PART NO. B83051

SET NO. MB101 CONTAINING 1/4", 3/8", AND 1/2" DRIVE SOCKETS, ATTACHMENTS, AND MISCELLANEOUS TOOLS (146 PIECES—105.000 LBS.)

1/2 INCH DRIVE SOCKETS & ATTACHMENTS

No.	Description	No.	Description
A12	3/8" 12-Pt. Socket	A36	1 1/8"
A14	7/16"	A38	1 3/16"
A16	1/2"	A40	1 1/4"
A18	9/16"	A42	1 5/16"
A20	5/8"	A722	Hinge Handle
A22	11/16"	A730	Sliding "T" Handle
A24	3/4"	A602	2" Extension
A26	13/16"	A605	5" Extension
A28	7/8"	A610	10" Extension
A30	15/16"	A760	Universal Joint
A32	1"	A744	19" Speeder Handle
A34	1 1/16"	A702K	Reversible Ratchet

OPEN END WRENCHES

E810	1/4" & 5/16" O.E. Wrench	E2022	5/8" & 1 1/16"
E1214	3/8" & 7/16"	E2426	3/4" & 1 3/16"
E1618	1/2" & 9/16"	E2830	7/8" & 1 5/16"
		LR56	Leatherette Roll

H10	3/16" & 7/32" Miniature O.E. Wrench	H16	3/8" & 7/16"
H12	1/4" & 9/32"	H18	13/32" & 1 5/32"
H14	5/16" & 11/32"	LR24	Leatherette roll

1/2 INCH DRIVE SOCKETS & ATTACHMENTS

E426	3/4" & 7/8" tappet wrench	E22	9/32" & 5/16"
E14	13/64" & 15/64" O.E. Wrench Electricians'	E24	5/16" & 9/32"
E16	15/64" & 13/64"	E26	11/32" & 3/8"
E18	7/32" & 1/4"	E28	3/8" & 11/32"
E20	1/4" & 7/32"	E30	7/16" & 1/2"
		LR28	Leatherette roll

BOX WRENCHES

2804L	3/8" & 7/16" Long Type 12-Pt. Db'l. Offset Box Wrench	2807A	5/8" & 1 1/16"
2805L	1/2" & 9/16"	2808F	3/4" & 1 3/16"
		2809	7/8" & 1 5/16"
		LR97	Leatherette Roll

CHISELS & PUNCHES

C2N	3/8" Flat Cold Chisel	C15	1/4" Diamond Point Chisel
C3	5/8"	C16N	3/8"
C4	3/4"	C28	1/8" Pin Punch
C5	7/8"	C29	3/16"
C6	1"	C30	1/4"
C12	1/4" Cape Chisel	C34	Center Punch
C13	3/8"	LR96	Leatherette Roll

PLIERS, SCREW DRIVERS & HAMMERS

No.	Description	No.	Description
B17	Diagonal Cutting Pliers	PH20	Soft Face Hammer
B29	Mechanic's Combination Pliers		16 Oz.
B23	Linemen's Pliers	PH30	Rubber Mallet 28 Oz.
B35	Rib Joint Ignition Pliers	001-2	Electrical Screw Driver
B38	Combination Pliers	0010	Electrical Screw Driver
B45	Rib Joint Pliers	006	Electrical Screw Driver
PH6	Ball Pein Hammer	08	Standard Tip Screw Driver
	12 Oz.	S01	Stubby Screw Driver
PH17	Soft Face Hammer	012	Standard Tip Screw Driver
	1½ Oz.		

SCREW DRIVERS, GAUGES & MISCELLANEOUS TOOLS

E03	Spark Test Screw Driver	K52	Ignition Feeler Gauge
CP2	Phillips Screw Driver	K57	Spark Plug Gauge
0670	Offset Screw Driver	K8	Holding Pickup Tool
2591A	Stud Puller	K53	Universal Master Feeler Gauge

SCREW DRIVERS, GAUGES & MISCELLANEOUS TOOLS Continued

No.	Description	No.	Description
2628	Hacksaw	F1218	Hacksaw Blades
SE1	¾" - ¼" Screw Extractor		— Package of 10
SE2	¼" - 5/16"	SE4	7/16" - 9/16" Screw Extractor
SE3	5/16" - 7/16"	SE5	9/16" - ¾"
LR5	L. Roll	SE6	¾" - 1"

HEX KEYS & SPARK PLUG SOCKETS

AW	.028" Hex Key	AW5	5/32"
AW0	.035"	AW6	3/16"
AW1	.050"	AW7	7/32"
AW2	1/16"	AW8	¼"
AW2½	5/64"	AW10	5/16"
AW3	3/32"	AW12	3/8"
AW3½	7/64"		Plastic Pouch
AW4	1/8"	TLH26R	¾" Drive Spark Plug Socket
AW4½	9/64"		

MASTER TOOL SETS Continued

SET NO. MB100 (53 PIECES—52.187 LBS.) PART NO. B83050

A basic, master set containing the three most popular drives 1/4 inch, 3/8 inch, and 1/2 inch, with ratchets, sockets, and attachments selected to the mechanic's needs. These are the most useful tools required to make your work easier.

The MB76 Metal Box with tote tray, 10-1/16 inches high x 22-3/4 inches wide x 10-1/16 inches deep, provides ample capacity for the addition of your favorite wrench sets found elsewhere in this catalogue.

These are all Grade "A" Bonney quality tools as listed in this catalogue under the various drives.

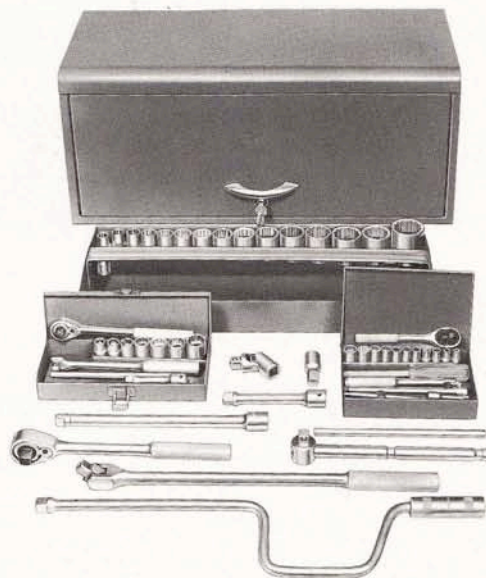
CONTENTS OF SET NO. MB100

1/4 INCH DRIVE SOCKETS & ATTACHMENTS IN SEPARATE BOX

No.	Description	No.	Description
V6	3/16" 12-Pt. Socket	VS8	¼" 8-Pt. Socket
V7	7/32"	VS10	5/16"
V8	¼"	V730	Sliding "T" Handle
V9	9/32"	V606	6" Extension
V10	5/16"	V602	2" Extension
V11	11/32"	V780	6" Spin Handle
V12	3/8"	V720	Hinge Handle
V14	7/16"	V702K	Reversible Ratchet
V16	½"	MB12	Metal Box, 6" x 4" x 1"

3/8 INCH DRIVE SOCKETS & ATTACHMENTS IN SEPARATE BOX

TH12	3/8" 6-Pt. Socket	T24	¾"
TH14	7/16"	T720	Hinge Handle
TH16	½"	T603	3" Extension
T18	9/16" 12-Pt. Socket	T702K	Reversible Ratchet
T20	5/8"	MB30	Metal Box, 8¼" x 3¼" x 1½"
T22	11/16"		



SET NO. MB100

1/2 INCH DRIVE SOCKETS & ATTACHMENTS

No.	Description	No.	Description
A12	3/8" 12-Pt. Socket	A36	1½"
A14	7/16"	A38	1¾"
A16	½"	A40	1¾"
A18	9/16"	A42	1½"
A20	5/8"	A722	Hinge Handle
A22	11/16"	A730	Sliding "T" Handle
A24	¾"	A602	2" Extension
A26	13/16"	A605	5" Extension
A28	7/8"	A610	10" Extension
A30	15/16"	A760	Universal Joint
A32	1"	A744	19" Speeder Handle
A34	11/16"	A702K	Reversible Ratchet



SET NO. MB102

A heavy-duty master tool set. This set includes all items described in the master set No. MB101 plus an assortment of 3/4 inch drive sockets, ratchet, and attachments for the mechanic desiring to own a complete set of tools for the repair work of truck and tractors as well as the general automotive.

The MB82 Metal Chest, 26 inches wide x 14-1/2 inches high x 12-1/8 inches deep with tote tray, 18-1/2 inches wide x 7-3/8 inches deep, provides ample capacity in its six drawers for all tools listed.

CONTENTS OF SET NO. MB102

1/4 INCH DRIVE SOCKETS & ATTACHMENTS IN SEPARATE BOX

No.	Description	No.	Description
V6	3/16" 12-Pt. Socket	VS8	1/4" 8-Pt. Socket
V7	7/32"	VS10	5/16"
V8	1/4"	V730	Sliding "T" Handle
V9	9/32"	V606	6" Extension
V10	5/16"	V602	2" Extension
V11	11/32"	V780	6" Spin Handle
V12	3/8"	V720	Hinge Handle
V14	7/16"	V702K	Reversible Ratchet
V16	1/2"	MB12	Metal Box, 6" x 4" x 1"

SET NO. MB102 CONTAINING 1/4", 3/8", 1/2",
AND 3/4" DRIVE SOCKETS, ATTACHMENTS,
AND MISCELLANEOUS TOOLS (160 PIECES—
130.000 LBS.)

PART NO. B83052

3/8 INCH DRIVE SOCKETS & ATTACHMENTS

No.	Description	No.	Description
TH12	3/8" 6-Pt. Socket	T22	1 1/16"
TH14	7/16"	T24	3/4"
TH16	1/2"	T720	Hinge Handle
T18	9/16" 12-Pt. Socket	T603	3" Extension
T20	5/8"	T702K	Reversible Ratchet

1/2 INCH DRIVE SOCKETS & ATTACHMENTS

A12	3/8" 12-Pt. Socket	A24	3/4"
A14	7/16"	A26	13/16"
A16	1/2"	A28	7/8"
A18	9/16"	A30	15/16"
A20	5/8"	A32	1"
A22	1 1/16"	A34	1 1/16"

CONTENTS OF SET NO. MB102—Continued

1/2 INCH DRIVE SOCKETS & ATTACHMENTS—Continued

No.	Description	No.	Description
A36	1 1/8" 12-Pt. Socket	A602	2" Extension
A38	1 3/16"	A605	5" Extension
A40	1 1/4"	A610	10" Extension
A42	1 5/16"	A760	Universal Joint
A722	Hinge Handle	A744	19" Speeder Handle
A730	Sliding "T" Handle	A702K	Reversible Ratchet

3/4 INCH DRIVE SOCKETS & ATTACHMENTS

R32	1" 12-Pt. Socket	R52	1 3/8"
R34	1 1/16"	R54	1 1 1/16"
R36	1 1/8"	R58	1 13/16"
R40	1 1/4"	R730A	Sliding "T" Handle
R42	1 5/16"	R609	9" Extension
R46	1 7/16"	R617	17" Extension
R48	1 1/2"	R701H	Reversible Ratchet

OPEN END WRENCHES

E810	1/4" & 5/16" O.E. Wrench	LR24	Leatherette Roll
E1214	3/8" & 7/16"	426	3/4" & 7/8" Tapped Wr.
E1618	1/2" & 9/16"	E14	1 3/4" & 1 5/64" O.E. Wrench, Electricians
E2022	5/8" & 1 1/16"	E16	1 5/64" & 1 3/64"
E2426	3/4" & 1 3/16"	E18	7/32" & 1/4"
E2830	7/8" & 1 5/16"	E20	1/4" & 7/32"
LR56	Leatherette Roll	E22	9/32" & 5/16"
H10	3/16" & 7/32"	E24	5/16" & 9/32"
	Miniature O.E. Wrench	E26	1 1/32" & 3/8"
H12	1/4" & 9/32"	E28	3/8" & 1 1/32"
H14	5/16" & 1 1/32"	E30	7/16" & 1/2"
H16	3/8" & 7/16"	LR28	Leatherette Roll
H18	1 3/32" & 1 5/32"		

BOX WRENCHES

2804L	3/8" & 7/16" Long Type 12-Pt. Dbl. Offset Box Wrench	2807A	5/8" & 1 1/16"
		2808F	3/4" & 1 3/16"
2805L	1/2" & 9/16" •	2809	7/8" & 1 5/16"
		LR97	Leatherette Roll

CHISELS & PUNCHES

C2N	3/8" Flat Cold Chisel	C15	1/4" Diamond Point Chisel
C3	5/8"	C16N	3/8"
C4	3/4"	C28-2	1 1/16" Pin Punch
C5	7/8"	C29	3 1/16"
C6	1"	C30	1/4"
C12	1/4" Cape Chisel	C34	Center Punch
C13	3/8"	LR96	Leatherette Roll

PLIERS

No.	Description	No.	Description
B17	Diagonal Cutting Pliers	B35	Rib Joint Ignition Pliers
B23	Lineman's Pliers	B38	Combination Pliers
B29	Mechanic's Comb. Pliers	B45	Rib Joint Pliers

HAMMERS

PH6	Ball Pein Hammer, 12 Oz.	PH20	Soft Face Hammer, 16 Oz.
PH17	Soft Face Hammer, 1 1/2 Oz.	PH30	Rubber Mallet, 28 Oz.

SCREW DRIVERS

001-2	Electrical Screw Driver	012	Standard Tip Screw Driver
0010	Electrical Screw Driver	E03	Spark Test Screw Driver
006	Electrical Screw Driver	CP2	Phillips Screw Driver
08	Standard Tip Screw Driver	0670	Offset Screw Driver
S01	Stubby Screw Driver		

PULLERS & GAUGES

2591A	Stud Puller	K8	Holding Pickup Tool
K52	Ignition Feeler Gauge	K53	Universal Master Feeler Gauge
K57	Spark Plug Gauge		

SAWS, SCREW EXTRACTORS

2628	Hacksaw	SE3	5/16" - 7/16"
F1218	Hacksaw Blades—Package of 10	SE4	7/16" - 9/16"
		SE5	9/16" - 3/4"
SE1	3/16" - 1/4" Screw Extractor	SE6	3/4" - 1"
SE2	1/4" - 5/16"	LR5	Leatherette Roll

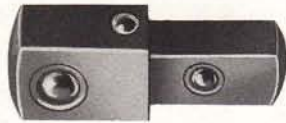
HEX KEYS

AW	.028" Hex Key	AW4 1/2	9/64"
AW0	.035"	AW5	5/32"
AW1	.050"	AW6	3/16"
AW2	1/16"	AW7	7/32"
AW2 1/2	5/64"	AW8	1/4"
AW3	3/32"	AW10	5/16"
AW3 1/2	7/64"	AW12	3/8"
AW4	1/8"		Plastic Pouch

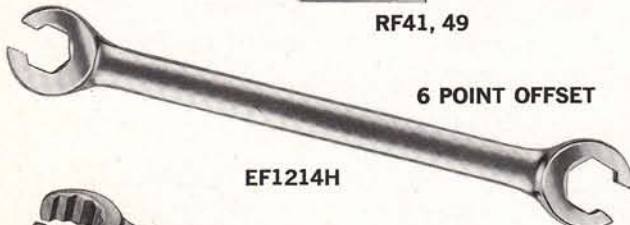
SPARK PLUG SOCKET

No.	Description
TLH26R	3/8" Drive Spark Plug Socket

Bonney's advance design and manufacturing capabilities are blended with modern engineering and production equipment to produce a complete line of service tools to serve the growing needs of automotive, domestic, commercial refrigeration and air conditioning. Rigid quality control test guarantees each tool will do the job for which designed.

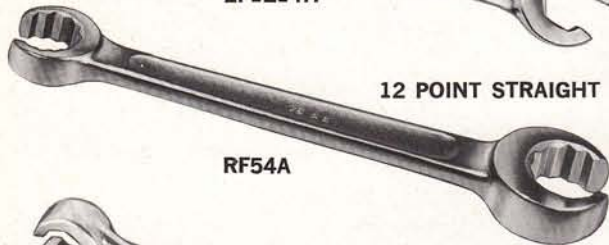


RF41, 49



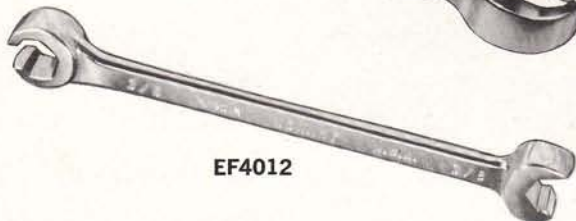
6 POINT OFFSET

EF1214H



12 POINT STRAIGHT

RF54A



EF4012



2627



RF100B

RF41 RATCHET PLUG ADAPTERS

Used to convert female drive refrigeration ratchets to either 1/4 inch or 3/8 inch male drive.

Number	Part No.	Plug End	Drive End	Weight Lbs.
RF41	B92041	1/4"	3/8"	.047
RF49	B92049	1/4"	1/4"	.031

FLARE NUT WRENCHES

These Bonney flare nut wrenches are designed for tube fitting applications such as vacuum, hydraulic, refrigeration and fuel lines used on automotive, truck, road machinery, and industrial equipment. Each end is extra thick to avoid damage to soft, metal fittings.

6-POINT OFFSET PATTERN Openings at 15° Angle

Number	Part No.	Opening	O.A. Length	Slot	Head Thickness	Weight Lbs.
EF1214H	B22373	3/8" x 1/16"	5 1/16"	7/32" x 17/64"	5/16" x 11/32"	.106
EF1618H	B22375	1/2" x 9/16"	6 5/16"	21/64" x 13/32"	3/8" x 3/8"	.150
EF2022H	B22377	5/8" x 11/16"	7 5/16"	13/32" x 1/2"	7/16" x 1/2"	.268

12-POINT STRAIGHT PATTERN

RF54A	B22353	3/4" x 7/8"	8"	19/32" x 5/8"	15/32" x 5/8"	.488
RF54	B22354	3/4" x 1"	8"	19/32" x 13/16"	15/32" x 7/8"	.456
RF55A	B22355	7/8" x 1"	9 1/2"	5/8" x 13/16"	17/32" x 3/4"	.856
RF55	B22356	7/8" x 1 1/8"	9 1/2"	5/8" x 25/32"	17/32" x 3/4"	.788

6-POINT COMBINATION FLARE AND RATCHETING OPEN END 15° Single Offset

EF4012	B22366	3/8"	5 1/4"	13/64"	23/64"	.113
EF4014	B22367	7/16"	5 1/2"	17/64"	23/64"	.132
EF4016	B22368	1/2"	6"	21/64"	23/64"	.163
EF4018	B22369	9/16"	6 3/8"	25/64"	25/64"	.219
EF4004	B82004	Set of Above Four Wrenches in Pouch				

2627 MIDGET HACKSAW FRAME Part No. B91427

Designed to work in close places. Ideal for refrigeration servicemen and plumbers. Lgth.: 10 inches. Wt.: .296 Lbs.

2627B BLADES FOR NO. 2627 FRAME

Part No. B91491

Lgth.: 6 inches. Package of 10. Wt.: .065 Lbs.

*RF100B DOUBLE FLARING TOOL SET

Part No. B84905

Designed to produce 45° double flares on 3/16 inch, 1/4 inch, 5/16 inch, 3/8 inch, and 1/2 inch O.D. soft steel tubing up to .040 wall thickness. Also, designed to form single flare on soft copper, aluminum, or brass tubing.

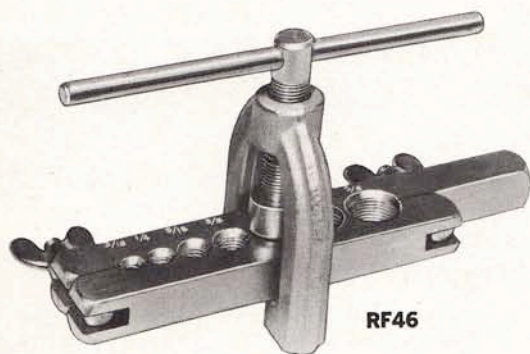
Forcing cone has swivel action design to reduce friction. Forged steel yoke hardened and tempered for greater strength. Packaged in fitted, metal case. Bright plated finish. Wt.: 3.250 Lbs.



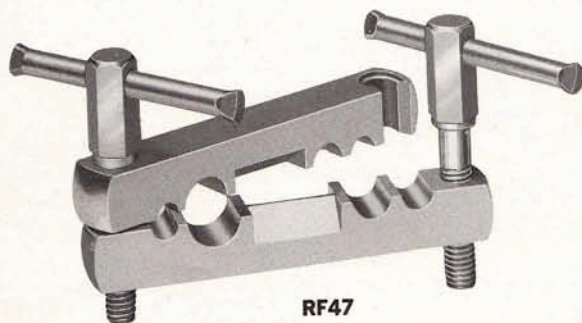
RF21-RF26



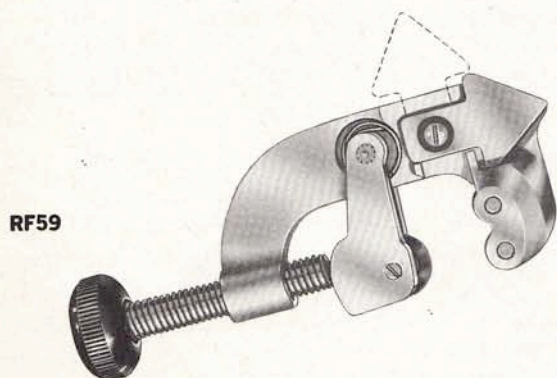
RF45A



RF46



RF47



RF59

RF45A REVERSIBLE RATCHET

Designed for work in limited space and where obstructions prevent the use of socket and ratchet handles. The efficient, smooth, working ratchet action provides the necessary speed with minimum handle movement. Outside plates are chrome plated for attractive appearance and extremely long service.

Number	Part No.	Ratchet Opening		Handle Openings		O.A. Length	Weight Lbs.
		4 Pt.	6 Pt.	4 Pt.	6 Pt.		
RF45A	B24445	1/4"	—	3/16"-1/4"	1/2"	6"	.281

RF21 NON-REVERSIBLE RATCHETS

RF21	B24421	3/16"	—	3/16"-1/4"	1/2"	6"	.338
RF22	B24422	1/4"	—	3/16"-1/4"	1/2"	6"	.338
RF23	B24423	5/16"	—	3/16"-5/16"	1/2"	6"	.338
RF25	B24425	3/8"	—	3/16"-1/4"	1/2"	6"	.322
RF26	B24426	—	5/16"	3/16"-1/4"	1/2"	6"	.338

*RF46 FLARING TOOL

Part No. B92046

Capacity: 3/16 inch to 5/8 inch.

Made of high grade steel carefully machined and heat treated for long, dependable service.

3/8 inch wide, 6-1/2 inches long. Wt.: 2.038 Lbs.

RF47 PINCH-OFF TOOL

Part No. B92047

Features a quick operating, freeing and locking action. Designed primarily to pinch off tubing and restoring tubing to correct shape.

Width: 2-1/4 inches. Lgth.: 4 inches. Capacity: 1/4 inch to 1/2 inch. Wt.: .703 Lbs.

*RF59 TUBE CUTTER

Part No. B92059

Designed to cut tubing from 1/8 inch to 1 inch O.D. Reamer held securely out of the way when not in use. Finish: Nickel chrome plate.

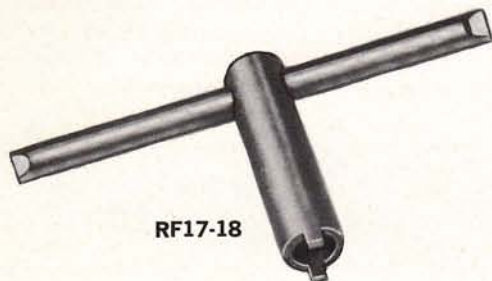
Width: 2 inches. Lgth.: 5 inches. Wt.: .588 Lbs.

RF59B BLADE FOR RF59 CUTTER

Part No. B92059-02

RF17 PACKING GLAND WRENCHES (Sliding "T" Handle)

Furnished in two popular sizes with handy sliding "T" handle. Made from alloy steel, heat treated, bright nickel chrome finish.



RF17-18

Number	Part No.	Diameter Inside	Outside	Prong Depth	Width	O.A. Length	Weight Lbs.
RF17	B29417	21/64"	15/32"	1/8"	7/64"	2"	.125
RF18	B29418	21/64"	9/16"	1/8"	7/64"	2"	.156

RF6 PACKING GLAND NUT SOCKETS

Designed with a 1/4 inch square male drive for use with RF22 or RF45A Bonney Ratchets. Also, may be used with any ratchet handle with 1/4 inch female opening. High grade alloy steel, nickel chrome plated.



RF6-73

RF6	B39106	3/8"	5/8"	1/8"	1/8"	1 5/16"	.062
RF16	B39116	21/64"	15/32"	1/8"	1/8"	1 11/16"	.047
*RF71	B39171	5/16"	7/16"	3/32"	3/32"	1 9/16"	.047
RF72	B39172	21/64"	15/32"	1/8"	1/8"	1 5/8"	.047
RF73	B39173	3/8"	5/8"	1/8"	1/8"	1 5/8"	.078

* Designed to fit Sporlan valve packing gland nut.

RF67 GLAND NUT SOCKET

Designed for Kerotest and Imperial valve packing nuts. 1/4 inch male drive. Alloy steel, heat treated, nickel chrome plate.



RF67

Number	Part No.	Oval Length	Opening Width	O.D.	O.A. Length	Weight Lbs.
RF67	B39167	1/2"	3/8"	5/8"	1 1/2"	.078

RF2 VALVE STEM SOCKETS

Same as "T" handle wrenches, RF10-14, but with 1/4 inch square male drive for use with Bonney 1/4 inch female ratchets RF22 and RF45A Alloy steel, heat treated, nickel chrome plated.

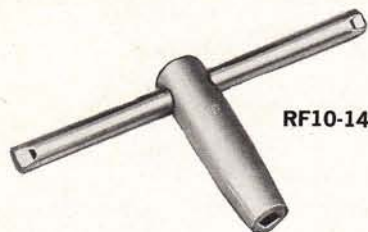


RF2-7

Number	Part No.	Square Opening	Outside Nose	Diameter Shank	O.A. Length	Weight Lbs.
RF2	B39102	3/16"	27/64"	1/2"	1 5/16"	.062
RF5	B39105	7/32"	1/2"	1/2"	1 5/16"	.062
RF3	B39103	1/4"	1/2"	1/2"	1 5/16"	.062
RF4	B39104	5/16"	9/16"	9/16"	1 5/16"	.062
RF7	B39107	3/8"	11/16"	11/16"	1 5/16"	.093

RF10 VALVE STEM WRENCHES

Designed for square valve stems. Sliding "T" handle to clear obstructions. Alloy steel, heat treated, nickel chrome plated.



RF10-14

RF10	B29410	3/16"	27/64"	1/2"	1 7/8"	.140
RF11	B29411	7/32"	27/64"	1/2"	1 7/8"	.140
RF12	B29412	1/4"	1/2"	1/2"	1 7/8"	.156
RF13	B29413	5/16"	9/16"	9/16"	1 7/8"	.172
RF14	B29414	3/8"	5/8"	5/8"	1 7/8"	.187

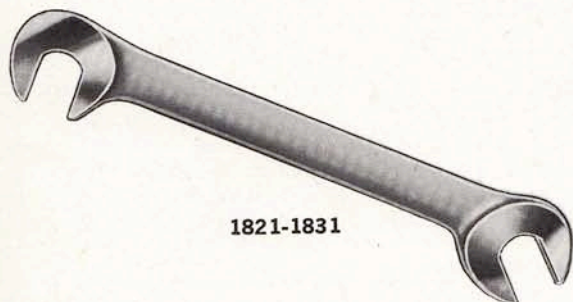


1236-1252

1236 SPORLAN EXPANSION VALVE WRENCHES

Designed with special thin heads at 30° angle for easy removal of the power elements from the body of Sporlan expansion valves.

Number	Part No.	Opening	Element Number	Fits Valve (type)	Weight Lbs.
1236	B22536	1 1/8"	5	G, K	.325
1240	B22540	1 1/4"	8	C, R, S, T	.319
1244	B22544	1 3/8"	4	E, B, U, J	.472
1248	B22548	1 1/2"	3	P, H	.463
1252	B22552	1 5/8"	6	M, V, W (small)	.513



1821-1831

1821 OBSTRUCTO WRENCHES (45°-90°)

Number	Part No.	Opening	Head Thickness	O.A. Length	Weight Lbs.
1821	B22221	3/8"	1 1/64"	5 1/2"	.09
1823	B22223	7/16"	1 1/64"	5 1/2"	.09
1825	B22225	1/2"	1 3/64"	6 1/2"	.16
1827	B22227	9/16"	1 3/64"	6 1/2"	.18
1829	B22229	5/8"	1 5/64"	7 1/2"	.24
1831	B22231	3/4"	1 5/64"	7 1/4"	.28

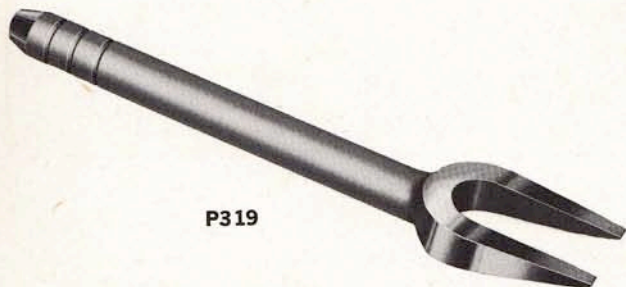


RF60-RF65

RF60 TUBE BENDERS

Ideal for bending copper and other tubing to any desired shape without danger of collapsing the tubing. Made of special oil hardened spring steel, chrome plated.

Number	Part No.	Tube Size	O.A. Length	Weight Lbs.
RF60	B92060	1/4"	10"	.156
RF61	B92061	5/16"	10"	.187
RF62	B92062	3/8"	10"	.247
RF63	B92063	7/16"	12"	.384
RF64	B92064	1/2"	12"	.438
RF65	B92065	5/8"	12"	.531



P319

P319 FORK WEDGED SEPARATOR

Part No. B91319 Wt.: 1.625 Lbs.

Designed to remove pulleys in tight places.

REFRIGERATION SETS

RF80B BASIC REFRIGERATION SET

(21 Pieces—2.000 lbs.)

Part No. B83080

Includes the most popular refrigeration sockets and attachments.



RF80B

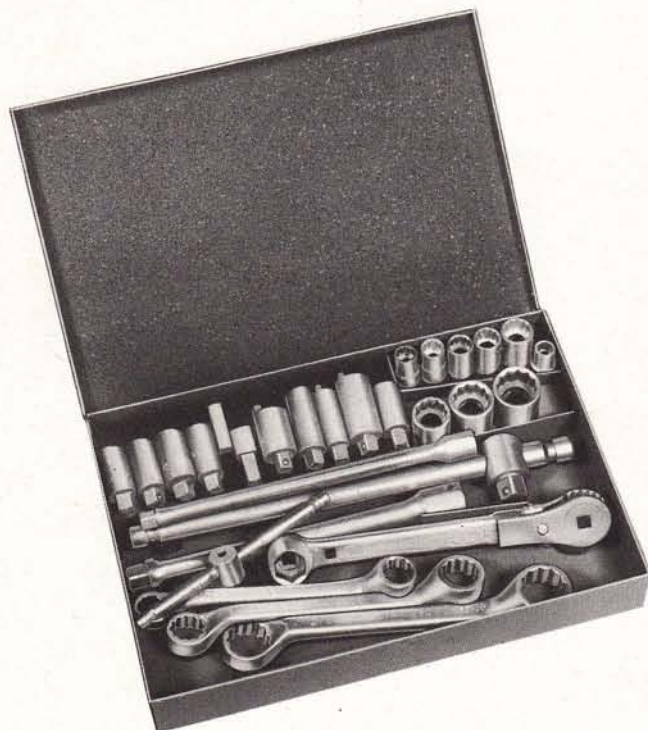
Number	Part No.	Description
V8	B31208-01	1/4" 12-Pt. Socket
V9	B31209-01	9/32" 12-Pt. Socket
V10	B31210-01	5/16" 12-Pt. Socket
V11	B31211-01	11/32" 12-Pt. Socket
V12	B31212-01	3/8" 12-Pt. Socket
V14	B31214-01	7/16" 12-Pt. Socket
V730	B41244	4 1/2" Sliding "T" Handle
V606	B41206	6" Extension
RF2	B39102	Valve Stem Socket
RF3	B39103	Valve Stem Socket
RF4	B39104	Valve Stem Socket
RF5	B39105	Valve Stem Socket
RF6	B39106	Packing Nut Socket
RF16	B39116	Packing Nut Socket
RF71	B39171	Packing Nut Socket
RF72	B39172	Packing Nut Socket
RF73	B39173	Packing Nut Socket
RF67	B39167	Kerotest Socket
RF49	B92049	Adapter
RF45A	B24445	Reversible Ratchet
MB16	B81016	Metal Box, 7 1/2" x 3 3/4" x 1 1/8"

RF81B MASTER REFRIGERATION SET

(29 Pieces—4.125 Lbs.)

Part No. B83081

Includes the necessary sockets, handles, attachments and box end wrenches to enable the refrigeration serviceman to handle most repairs and adjustments.



RF81B

V8	B31208-01	1/4" 12-Pt. Socket
V9	B31209-01	9/32" 12-Pt. Socket
V10	B31210-01	5/16" 12-Pt. Socket
V11	B31211-01	11/32" 12-Pt. Socket
V12	B31212-01	3/8" 12-Pt. Socket
V14	B31214-01	7/16" 12-Pt. Socket
V730	B41244	4 1/2" Sliding "T" Handle
V606	B41206	6" Extension
T606	B41306	6" Extension
T16	B31316-01	1/2" 12-Pt. Socket
T18	B31318-01	9/16" 12-Pt. Socket
T20	B31320-01	5/8" 12-Pt. Socket
T730	B41344	8" Sliding "T" Handle
RF2	B39102	Valve Stem Socket
RF3	B39103	Valve Stem Socket
RF4	B39104	Valve Stem Socket
RF5	B39105	Valve Stem Socket
RF6	B39106	Packing Nut Socket
RF16	B39116	Packing Nut Socket
RF71	B39171	Packing Nut Socket
RF73	B39173	Packing Nut Socket
RF67	B39167	Kerotest Socket
RF49	B92049	Adapter, 1/4" x 1/4"
RF41	B92041	Adapter, 1/4" x 3/8"
RF45A	B24445	Reversible Ratchet
2804	B24613	12-Pt. Box Wrench, 3/8" & 7/16"
2805	B24615	12-Pt. Box Wrench, 1/2" & 9/16"
2806	B24616	12-Pt. Box Wrench, 5/8" & 11/16"
MB24	B81024	Metal Box, 8 5/8" x 5 3/4" x 1 1/4"

	AMERICAN STANDARD								U.S. STANDARD	S.A.E. STANDARD	
	NUTS				BOLTS						
NOMINAL WRENCH SIZE	Finished & Finished Thick Series	Regular Series	Heavy Series	Machine Screw Nuts, Stove Bolt Nuts	Regular Series Bolts, Finished Bolts, Hex Head Cap Screws	Heavy Series Bolts and Finished Bolts	Lag Bolts	Set Screws	National Coarse Bolts and Nuts	Cap Screws	National Fine Bolts, Nuts and Screws
5/32"	—	—	—	#0 & #1	—	—	—	—	—	—	—
3/16"	—	—	—	#2 & #3	—	—	—	#10	—	—	—
1/4"	—	—	—	#4	—	—	—	1/4"	—	—	—
5/16"	—	—	—	#5 & #6	—	—	#10	5/16"	—	—	—
11/32"	—	—	—	8	—	—	—	—	—	—	—
3/8"	—	—	—	#10	1/4"*	—	1/4"	3/8"	—	—	—
7/16"	1/4"	1/4"	—	#12 & 1/4"	1/4"	—	—	7/16"	—	1/4"	1/4"
1/2"	5/16"	—	1/4"	—	5/16"	—	5/16"	1/2"	1/4"	5/16"	5/16"
9/16"	3/8"	5/16"	5/16"	5/16"	3/8"	—	3/8"	9/16"	—	3/8"	3/8"
15/32"	—	—	—	—	—	—	—	—	5/16"	—	—
5/8"	—	3/8"	—	3/8"	7/16"	—	7/16"	5/8"	—	7/16"	7/16"
11/16"	7/16"	—	3/8"	—	—	—	—	—	3/8"	—	—
3/4"	1/2"	7/16"	7/16"	—	1/2"	—	1/2"	3/4"	—	1/2"	1/2"
25/32"	—	—	—	—	—	—	—	—	7/16"	—	—
13/16"	—	1/2"	—	—	9/16"	—	—	—	—	9/16"	—
7/8"	9/16"	9/16"	1/2"	—	—	1/2"	—	7/8"	1/2"	5/8"	9/16"
15/16"	5/8"	—	9/16"	—	5/8"	—	5/8"	—	—	—	5/8"
11/32"	—	—	—	—	—	—	—	—	9/16"	—	—
1"	—	5/8"	—	—	—	—	—	1"	—	3/4"	—
1 1/16"	—	—	5/8"	—	—	5/8"	—	—	5/8"	—	3/4"
1 1/8"	3/4"	3/4"	—	—	3/4"	—	3/4"	1 1/8"	—	7/8"	—
1 1/4"	—	—	3/4"	—	—	3/4"	—	1 1/4"	3/4"	1"	7/8"
1 5/16"	7/8"	7/8"	—	—	7/8"	—	7/8"	—	—	—	—
1 3/8"	—	—	—	—	—	—	—	1 3/8"	—	1 1/8"	—
1 7/16"	—	—	7/8"	—	—	7/8"	—	—	7/8"	—	1"
1 1/2"	1"	1"	—	—	1"	—	1"	1 1/2"	—	1 1/4"	—
1 5/8"	—	—	1"	—	—	1"	—	—	1"	—	1 1/8"
1 11/16"	1 1/8"	1 1/8"	—	—	1 1/8"	—	1 1/8"	—	—	—	—
1 13/16"	—	—	1 1/8"	—	—	1 1/8"	—	—	1 1/8"	—	1 1/4"
1 7/8"	1 1/4"	1 1/4"	—	—	1 1/4"	—	1 1/4"	—	—	—	—
2"	—	—	1 1/4"	—	—	1 1/4"	—	—	1 1/4"	—	1 3/8"
2 1/16"	1 3/8"	1 3/8"	—	—	1 3/8"	—	—	—	—	—	—
2 1/8"	—	—	1 3/8"	—	—	1 3/8"	—	—	1 3/8"	—	1 1/2"
2 1/4"	1 1/2"	1 1/2"	—	—	1 1/2"	—	—	—	—	—	—
2 3/8"	—	—	1 1/2"	—	—	1 1/2"	—	—	1 1/2"	—	—
2 1/2"	1 5/8"	1 5/8"	—	—	1 5/8"	—	—	—	—	—	—
2 5/8"	—	—	1 5/8"	—	—	1 5/8"	—	—	1 5/8"	—	—
2 3/4"	1 3/4"	—	—	—	1 3/4"	—	—	—	—	—	—
2 7/8"	—	—	1 3/4"	—	—	1 3/4"	—	—	1 3/4"	—	—
2 15/16"	1 7/8"	—	—	—	1 7/8"	—	—	—	1 7/8"	—	—
3"	2"	—	—	—	2"	—	—	—	—	—	—
3 1/8"	—	—	2"	—	—	2"	—	—	2"	—	—
3 1/4"	2 1/4"	—	—	—	2 1/4"	—	—	—	—	—	—
3 1/2"	—	—	2 1/4"	—	—	2 1/4"	—	—	2 1/4"	—	—
3 3/8"	2 1/2"	—	—	—	2 1/2"	—	—	—	—	—	—
3 7/8"	—	—	2 1/2"	—	—	2 1/2"	—	—	2 1/2"	—	—
4 1/8"	2 3/4"	—	—	—	2 3/4"	—	—	—	—	—	—
4 1/4"	—	—	2 3/4"	—	—	2 3/4"	—	—	2 3/4"	—	—
4 1/2"	3"	—	—	—	3"	—	—	—	—	—	—
4 3/4"	—	—	3"	—	—	3"	—	—	3"	—	—
4 7/8"	—	—	—	—	—	—	—	—	3 3/4"	—	—
5"	—	—	3 3/4"	—	3 3/4"	—	—	—	3 1/2"	—	—

*Regular square only